

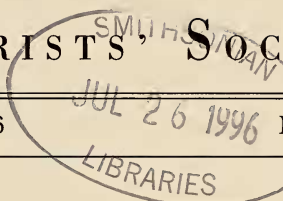
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## BUTTERFLIES OF THE STATE OF JALISCO, MEXICO

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**ABSTRACT.** A survey of the butterflies of the state of Jalisco, Mexico is presented, in which 608 species from 309 genera and 22 subfamilies of Papilionoidea and Hesperioidea are listed, from 190 localities. Many species are reported from Jalisco for the first time, including one skipper, *Vacerra cervara*, that is new to Mexico. This list was created by reviewing the past Lepidoptera literature and the major collections in the United States and Mexico, as well as through field work at 10 sites carried out by the authors. For each species, capture localities, adult flight dates, and references for the data are provided. Species richness is analyzed for the Mexican states of Baja California (north), Baja California Sur, Jalisco, Guerrero, Veracruz, Oaxaca, Chiapas, and Quintana Roo.

**Additional key words:** biogeography, conservation, distribution, Hesperioidea, Papilionoidea.

**RESUMEN.** Se integró el listado de los ropalóceros del estado de Jalisco, el cual consta de 608 especies, pertenecientes a 309 géneros y 22 subfamilias de Papilionoidea y Hesperioidea. Se registraron 190 localidades para todo el estado. Se mencionan nuevos registros para Jalisco, incluyendo *Vacerra cervara*, que es nueva especie para México. Este listado se formó a partir de la revisión detallada de la literatura publicada sobre Lepidoptera y de las principales colecciones de los Estados Unidos y México, así como del trabajo de campo efectuado por los autores en diez sitios en el estado. Se citan para cada especie las localidades y fechas de recolecta y la referencia de éstas. Se comparó la riqueza de especies de Jalisco, con la de otros estados como Baja California (norte), Baja California Sur, Guerrero, Veracruz, Oaxaca, Chiapas y Quintana Roo.

**Palabras clave adicionales:** biogeografía, conservación, distribución, Hesperioidea, Papilionoidea.

This work constitutes the first in a series of papers on the butterflies of the states of western Mexico: Sinaloa, Nayarit, Jalisco, Colima and Michoacán. As in previous similar studies by the Mexican authors on the butterflies of the Valley of Mexico (Luis & Llorente 1990), and the

states of Guerrero (Vargas et al. 1994) and Oaxaca (Luis et al. 1991), each work in this series is based on intensive field studies carried out in the most species-rich and biologically, geographically, and climatically diverse areas in each Mexican state, the compilation of distributional data from specimens in the major lepidoptera collections in Mexico and the United States, and a thorough review of the Lepidoptera literature.

With data from over 100,000 Mexican butterfly specimens obtained during field studies in ten states of the Mexican Republic (at the "Alfonso L. Herrera" Zoology Museum at U.N.A.M.), combined with data from about 40,000 specimens in American collections, and about 90,000 specimens in other Mexican collections, we are in the process of forming a large cross-referenced database of Mexican butterfly localities and all the butterfly species known from them, which will be useful for biogeographical and conservation studies. Using geographical information along with the distributional information in the database, it will be possible to plan better strategies for conducting faunal surveys on butterflies in Jalisco, or any other Mexican state, in the future. Until recently, there have been few faunal works conducted on butterflies in Mexico. However, it is essential to advance our knowledge of the geographical distribution of butterflies in Mexico in order to generate effective conservation criteria, for we know that butterflies can be excellent ecological and biogeographical indicators.

This work presents the distributional information known so far for each butterfly species recorded from the state of Jalisco. This work was developed in order to make available to researchers and naturalists the preliminary knowledge of the distribution of each butterfly species recorded in Jalisco to date. Researchers studying any species or group of butterflies will now have reference to what is known about their taxa in Jalisco, and eventually, in all of western Mexico. This work also stresses the need for continued studies on the butterflies of Jalisco, and will provide a knowledge base from which future studies may benefit.

#### ANTECEDENTS

The earliest formal studies treating Mexican butterflies are *Biologia Centrali Americana* by Frederick du Cane Godman and Osbert Salvin (1879–1901), and *Die Gross Schmetterlinge der Erde (The Macrolepidoptera of the World)* by Seitz (1924). It was in these works, principally in that by Godman & Salvin, where we see the first attempts at regionalization of the Mexican butterfly fauna, considering political divisions, geographical units, altitudinal intervals, and vegetational aspects. Godman and Salvin cited 81 species for Jalisco (33 Papilionoidea and 48 Hesperioidea). Only five localities were mentioned for butterflies in Jalisco: Bolaños, Chapala, Guadalajara, Lago de Chapala, and "Jalisco".

In 1940 (published again in 1976, as cited below), after over 40 years of research, Carlos Christian Hoffmann published his *Catálogo Sistemático y Zoogeográfico de los Lepidópteros Mexicanos*. Hoffmann reported 1,240 species of butterflies from Mexico, citing 76 for the state of Jalisco (47 Papilionoidea and 29 Hesperioidea). Additionally, 180 species are inferred for Jalisco in citations he made, including: "Pacific Region from Chiapas to Sinaloa," "Sierra Madre Occidental," "everywhere in the country," "south and both coasts," and "western region." Hoffmann's catalog was based partly on the previous works by Godman and Salvin, Seitz, and articles published during the first three decades of this century. Collections consulted for his catalog included those of Roberto Mueller and Tarsicio Escalante, as well as his own (Hoffmann's collection is now deposited in the American Museum of Natural History, New York, and Escalante's collection is at the Allyn Museum of Entomology, Sarasota, Florida).

In the following four decades (approx. 1940–1980), there was little study on butterflies in the state of Jalisco. Escalante continued some fieldwork in Jalisco in the late 1940s, especially around Cihuatlán and Ameca. In about 1960, John Adams Comstock and Leonila Vázquez spent a year in Puerto Vallarta rearing many species to obtain life history information. Other principal workers who collected in Jalisco during these years include: Don B. Stallings and J. R. Turner (who collected around Guadalajara, 1957), Robert Wind (mostly at Atenquique and Ajijic, 1965–1967), Peter Hubbell (mostly at Coatecomate Bay, La Cumbre de Autlán, Río San Pedro, Mirador, and near Sayula, 1966–1968), and Lee D. and Jacqueline Y. Miller (who collected near Magdalena in 1973). There are also some specimens scattered throughout museum collections collected during these years from "Puerto Vallarta" by vacationing tourists to the area.

In 1987, after many years of collecting butterflies in Mexico, Roberto De la Maza Ramírez published *Mariposas Mexicanas*. In this book he illustrated more than 600 species of butterflies, mostly species endemic to Mexico, and with very localized distributions that are difficult to catch and observe. His book represents the most complete work on Mexican butterflies presented since Hoffmann's, and in it only 64 species are cited from 15 localities in Jalisco.

#### STUDY AREA

The state of Jalisco is situated in the western region of the Mexican Republic between the parallels of 18°58'00" N and 22°45'00" N and 101°27'40" W and 105°41'25" W. Jalisco occupies an area of 80,137 km<sup>2</sup>, which constitutes 4.1% of Mexico's total surface area. The Pacific shoreline extends 345.9 km, from the Ameca River in the north, to the Mar-

abasco River in the south. Fourteen types of vegetational life-zones are found in Jalisco: high mountain prairie, Oyamel forest, cloud forest, oak forest, pine-oak forest, pine forest, *Juniperus* forest, *Juniperus* scrub, tropical semi-deciduous forest, tropical deciduous forest, thorn forest, subtropical chaparral, alkaline flats, and mangrove. Jalisco ranks sixth among the Mexican states in overall terrestrial vertebrate diversity, according to Flores and Gerez (1988).

Jalisco currently has eight protected areas, two of which are scientific stations (Chamela Biological Station, U.N.A.M., and Las Joyas Natural Laboratory, University of Guadalajara); one National Park combined with parts of the state of Colima (Nevado de Colima Volcano), four beach refuges for marine turtles (Playa Cuitzamala, El Tecuán, Mismaloya, and Teopa); and one Biosphere Reserve in the Sierra de Manantlán where *Zea diploperennis* (perennial corn) was first discovered.

#### MATERIALS AND METHODS

**Collections and Literature.** This listing of butterfly species known from Jalisco, which has taken ten years to compile (1984–1994), includes the species of butterflies reported from Jalisco in the past Lepidoptera literature (see Literature Cited), as well as the specimen locality data from Jalisco butterflies in the major Lepidoptera collections in the United States and Mexico. The data from all Mexican specimens in major collections in the United States and Mexico is organized in a computerized database at the “Alfonso L. Herrera” Zoology Museum at U.N.A.M., which greatly facilitated the retrieval of locality information for this list.

Not every Jalisco specimen cited in the literature by researchers (including foreign and Mexican collectors), was examined by us in this study. Such a complete revision of past collections would have drawn this work out indefinitely. Very little Jalisco material from the De la Maza collection, for example, was examined, although we have some Jalisco citations from literature by the De la Maza's. The following is an alphabetical list of the abbreviations used for the museums and collections examined that contained Jalisco material: **ADW** = recorded by Andrew D. Warren, includes Warren (1991, 1993, 1995b); **AME** = Alyn Museum of Entomology (Sarasota, FL); **AMNH** = American Museum of Natural History (New York City, NY); **BMNH** = British Museum of Natural History (London, England); **CAS** = California Academy of Sciences (San Francisco, CA); **CIB** = Entomology Collection in the Institute of Biology, U.N.A.M. (Mexico City); **CMNH** = Carnegie Museum of Natural History (Pittsburgh, PA); **COEE** = Entomology Collection at the Office of Special Studies, S.A.G. (Mexico City) (see Gibson & Carrillo 1959); **CUIC** = Cornell University Insect Collection



(Ithaca, NY); **DGSV** = Dirección General de Sanidad Vegetal (see Hernández et. al. 1981); **IMCyP** = Institute of Wood, Fiber, and Paper, University of Guadalajara (Guadalajara, Jalisco) (see Abud 1987, 1988); **LACM** = Los Angeles County Museum of Natural History (Los Angeles, CA); **MZFC** = "Alfonso L. Herrera" Zoology Museum, Faculty of Sciences, U.N.A.M. (Mexico City); **RES** = recorded by Ray E. Stanford (Denver, CO).; **SDNHM** = San Diego Natural History Museum (San Diego, CA); **UCB** = Essig Museum of Entomology, University of California (Berkeley, CA); **USNM** = United States National Museum, Smithsonian Institution (Washington, D.C.).

Literature and non-literature source citations almost always refer to actual specimens, but we have included a few positive sight records from our personal notes that are not backed up by specimens (including very few ADW and MZFC records), and Opler's (1989) list of species from Chamela is based on photographs (determined by Warren) and sight recordings. Other literature records may or may not be backed up by specimens. The citation "Freeman unpubl." in the species list refers to an undated 142 page manuscript by Hugh Avery Freeman entitled "The distribution of Hesperiiidae in Mexico."

Only five major faunistic studies on butterflies (of more than about one week in duration) in Jalisco have been reported in the literature: the year of life history studies by J. A. Comstock and L. Vázquez (1961) in Puerto Vallarta; the list of species found by Beutelspacher (1982b) at the U.N.A.M. Biological Station at Chamela; the work by S. Rodríguez (1982) at Acatlán de Juárez; the works by Abud (1987, 1988) in the Spring Forest near Guadalajara; and the work by G. A. López (1989) in the Huentitán area near Guadalajara. As with the majority of past faunistic studies on butterflies in Mexico, most of the past studies in Jalisco presented a surprisingly low number of butterfly species, for the field work in these studies was not based on a systematic methodology with surveys throughout the year, as described by Luis et. al. (1991). Faunal studies on Mexican butterflies in other states, such as De la Maza and Gutiérrez (1992) for Quintana Roo, Brown et. al. (1992) for Baja California, and De la Maza and De la Maza (1993) for Chiapas were used for Table 1.

Many sources were consulted in determining the nomenclature in the species list, including the original descriptions for all species described from Jalisco. Many additional species-group or generic revisions were reviewed for nomenclatural purposes, and for additional locality data. A few works that were reviewed which did not contribute locality data for Jalisco (and therefore may not be cited in the species list), but were used primarily for nomenclatural reasons include: Bailowitz (1988), Bridges (1993), Brower (1994), Burns (1964, 1992a, 1992b,

1994a, 1994b), Callaghan (1983), De la Maza and Díaz (1979), De la Maza et al. (1989), DeVries (1987), Fox & Real (1971), Friedlander (1987), Harvey (1991), Jenkins (1985), Lamas (1979), Llorente (1984), Llorente and Garcés (1983), Llorente et al. (1990), Mielke (1994), and Tyler et al. (1994).

**Field Work.** The majority of the localities and records presented here are from the field work carried out over the past three years by us in the Sierra de Manantlán, totaling 87 days in the field (three persons participating); and the work carried out over the past six years in the Banderas Bay Region (Puerto Vallarta to Boca de Tomatlán) by Andrew Warren, totaling about 33 days (one or two persons participating). In the Sierra de Manantlán, collecting was done between altitudinal extremes from 300–2200 m in three main life zones: semi-deciduous tropical forest, deciduous tropical forest, and cloud forest. A detailed analysis of the distribution of the Papilionoidea of this area is currently under way (Vargas et al. unpubl.). Most field work done in the Banderas Bay area was from 0–200 m elevation, in deciduous tropical forest, but some surveying was done in pine-oak forest and thorn forest habitats as well.

## RESULTS

Based on our review of collections, publications, and field work carried out to date, we have obtained a list of 608 species, in 309 genera, of 22 subfamilies in the superfamilies Hesperioidea and Papilionoidea from Jalisco. In this list, many species are reported from Jalisco for the first time, and one skipper, *Vacerra cervara* Steinhauser, is reported for the first time from Mexico. We have examined material from 190 localities in Jalisco, of which 70% are represented by five or fewer species. This shows that there is still a generally poor knowledge of the distribution of butterflies in this state.

The areas of the state with the greatest observed butterfly diversity are shown in Fig. 1. Of the ten richest sites, four are from the faunistic work being carried out in the Sierra de Manantlán (La Calera, Ahuacapán, Zenzontla, and Puerto Los Mazos), and four others refer to work carried out around Banderas Bay (Mismaloya, Puerto Vallarta, Boca de Tomatlán, and Río las Juntas near Chico's Paradise). We also have a substantial number of literature and museum records for La Calera, Mismaloya, Puerto Vallarta, the Chamela area, and Barranca de Huentitán. The four localities studied in the Sierra de Manantlán, which have been researched systematically by members of the Zoology Museum (MZFC), have yielded 353 species, including 58% of the Papilionoidea known from the state. The majority of the species cited in this list are from only three areas in the state: the Sierra de Manantlán, the coastal

and montane areas around Puerto Vallarta, and the montane habitats near the city of Guadalajara (see Fig. 1).

As mentioned by Luis et al. (1991) there have been few faunistic studies of Mexican butterflies in the past, and those that have been made often do not express the true butterfly diversity present at the study sites. For example, Opler (1989) reported 85 species from Estación de Biología Chamela, UNAM, from a one day list, and several of the species he reported (especially skippers) were not found in Beutelspacher's 1982 list of Chamela butterflies. Only in the last decade have rigorous, formal faunistic studies on Mexican butterflies been carried out with a systematic method. However, information on the geographical distribution of butterflies in each Mexican state is still incomplete (there is little or no distributional information available on butterflies for some states e.g., Tlaxcala). In Table 1, states are listed for which we have a more or less "complete" list of species, based on our own collecting, complemented in most cases by records from the literature and from museum collections. Table 1 shows that the state with the greatest diversity of butterflies is Chiapas, with a current total of 1,194 species, followed by Veracruz with 714 species (not including Hesperioidea, probably around 450 additional species). The states in Baja California apparently have the smallest number of butterfly species. Although fewer than 100 species have been recorded from Coahuila (Stanford & Opler 1993), no rigorous faunistic studies have been made in that state, and the number is certainly much higher.

Of the 608 species of butterflies reported here for the state of Jalisco, the majority are known mostly from the ten localities marked on Fig. 1. Since most of the now available data on Jalisco butterflies is from these ten localities, the total number of butterfly species that actually occur in Jalisco is undoubtedly considerably higher (probably at least 35 additional Hesperioidea alone). Many species that have been recorded to the north in Nayarit, and to the south in Colima and Michoacán (such as *Pyrrhophyge araxes* (Hewitson) and *Phocides urania urania* (Westwood), to name just two of the skippers), will undoubtedly be found in Jalisco with further field work. There are vast regions of Jalisco, especially in the northern and north-eastern parts of the state, for which we have practically no butterfly records. This map and list help to demonstrate that the Jalisco specimens deposited in Mexican and foreign collections express only a limited knowledge of the geographical distribution and diversity of butterflies for the majority of the state. Clearly, in order to attain a more complete knowledge of the distribution of butterflies in Jalisco, more field work in the unexplored regions is needed.

AREAS OF GREATEST SPECIES DIVERSITY OF RHOPALOCERA IN THE STATE OF JALISCO



FIG. 1. Areas of greatest species diversity of Rhopalocera in the state of Jalisco.



TABLE 1. Species counts by lepidopteran family for Mexico. State abbreviations and sources used are: BC = Baja California (norte) (Brown et al. 1992); BCS = Baja California Sur (Brown et al. 1992); JAL = Jalisco (this paper); GUE = Guerrero (Vargas et al. 1994); VER = Veracruz (Luis et al. unpubl.); OAX = Oaxaca (Luis et al. 1991); CHI = Chiapas (De la Maza & De la Maza 1993); QRO = Quintana Roo (De la Maza & Gutiérrez 1992). Asterisks indicate numbers that are still incomplete, and are not included in the state totals.

	BC	BCS	JAL	GUE	VER	OAX	CHI	QRO
Papilionidae	6	4	28	36	41	47	43	23
Pieridae	20	21	43	47	56	57	57	27
Nymphalidae	26	24	158	213	297	318	352	122
Lycaenidae	45	26	136	190	320	162	307	93
Hesperiidae	39	35	243	*	*	*	435	118
Totals	136	110	608	486	714	584	1194	383

## BUTTERFLIES OF JALISCO

The format of this list was designed to include the maximum amount of information in as little space as possible, and still be easy to read and use. Following each species name are the localities where it has been recorded in Jalisco, roughly in alphabetical order. Locality data pertaining to the same general area, such as "Bahía de Chamela," and "Estación de Biología Chamela, UNAM" are listed together, despite their non-alphabetical order, to avoid confusion. Localities that occur more than 20 times throughout the list are presented as 3-4 letter capitalized abbreviations (see Table 2).

Following each locality are the months (in lowercase Roman numerals) the species has been found at that locality. For several literature records, no months of capture were available. Each locality, or series of localities and dates, is followed by a source for the record(s). The sources are either capital letter abbreviations for personal records and museum collections (see Materials and Methods), or a literature citation (author and date). If no source is listed directly after a locality or month, the next source listed (it may be after several additional localities and months) pertains also to the first source in the series. If for a species, only one source is given after several localities and months, all the records are from the one source listed. When one locality for a single species has appeared in several publications, the cited publication is either the most authoritative for that species (generic or species-group revision), or the earliest dated publication in which the record appeared, when no generic revision is available. Occasionally, two non-revision literature citations are provided for one locality. When we have three or more sources for a single locality record, it is followed by "(many)." When literature records are available for the same specimens that have been examined in Museums, the literature citation may or may not be given, but the museum citation usually is. For some species, we have no specific locality records, and only a general "Jalisco" (JAL) record is listed. These are species that have been recorded from Jalisco by other workers, and no exact locality data could be determined.

As an example of how to read the entries, refer to the first species, *Pyrrhopyge chalybea*. The passage says: López (1989) reported it at Barranca de Huentitán (BDH) from February to April; specimens from Guadalajara (GUA) from July, September, and October are in the British Museum of Natural History; Guadalajara specimens from June are in the Allyn Museum of Entomology; Guadalajara specimens from March are in the American Museum of Natural History; and specimens labeled from "Jalisco" (JAL) from July are in the BMNH and the Cornell University Insect Collection.

## HESPERIIDAE (243 SPECIES)

*Pyrrhopyge chalybea* (Scudder 1872). BDH ii-iv (López 1989); GUA vii,ix,x (BMNH), vi (AME), iii (AMNH); JAL vii (BMNH, CUIC).

TABLE 2. Abbreviations used in the species list for the 35 most commonly cited Jalisco localities.

Abbreviation	Locality
ADJ	Acatlán de Juárez
AHU	Ahuacapán
AJI	Ajjic
BDH	Barranca de Huentitán
BDN	Barra de Navidad
BDT	Boca de Tomatlán
BES	Bosque Escuela, de la Sierra de la Primavera
BHC	Bahía Coastecomate
BOL	Bolaños
CHI	Chico's Paradise
CHIS	Chico's Paradise, 1 km S on Río Las Juntas
CHM	Chamela
CHP	Chapala
EBC	Estación de Biología Chamela, UNAM
EC	Estación Científica, Las Joyas
ECAL	Estación Científica, Las Joyas, Almeal
ECET	Estación Científica, Las Joyas, El Triguito
ECLC	Estación Científica, Las Joyas, La Cascada
ECLC	Estación Científica, Las Joyas, La Ordeñita
ECPE	Estación Científica, Las Joyas, Puerto Escobedo
ELT	El Tigre
GUA	Guadalajara
JAL	"Jalisco"
LCA	La Calera
LCU	La Cumbre de Autlán
LDC	Lago de Chapala
MAG	Magdalena
MIS	Mismaloya
PLM	Puerto Los Mazos
PV	Puerto Vallarta
RT	Río Tomatlán
TEN	Tenacatita
YEL	Yelapa
ZEN	Zenzontla

*Pyrrhopyge chloris* Evans 1951. AHU vi (ADW); AJI viii,ix (AMNH); BDT xii; LCA vi; MIS xii; PV xii (ADW).

*Elbella scylla* (Mén. 1855). AHU vi; BDT i; LCA vi (ADW); PV (Comstock & Vázquez 1961).

*Mysoria amra* (Hewitt. [1871]). BDT xii (ADW); Bahía de CHM xii (AMNH); Cihuatlán ix (AME); GUA (USNM); LCA vi; MIS i,xii (ADW); PV (Comstock & Vázquez 1961); JAL vii (BMNH).

*Mysoria affinis* (Herr.-Sch. 1869). AHU vi (ADW); Bahía de Banderas xi; Bahía de CHM iii,xi,xii (AMNH); EBC x (Beutelspacher 1982), ix (Opler 1989); Cihuatlán ix (AME). There is a single specimen of *Mysoria barcastus* (Sepp 1855) in the AMNH labeled from Guadalajara. Since this species is not known from anywhere in western Mexico, and since the specimen is apparently South American in origin, this record is not included in our list. Additionally, several South American satyrines examined in the CUIIC have similar false "Guadalajara" labels, and are not listed.

*Myscelus amystis hages* Godm. & Sal. [1893]. BDT i (ADW).

*Phocides belus* Godm. & Sal. [1893]. EBC iii (Beutelspacher 1982); PV iv,xii (ADW).

- Phocides palemon lilea* (Reak. [1867]). AJI vi,ix (AMNH); BDH ii-v (López 1989); EBC ix (Opler 1989); GUA iv,v (AMNH), viii (BMNH); PV xii (ADW).
- Phanus marshallii* Kirby 1880. MIS iv,xii (ADW); PV (De la Maza 1987).
- Udranomia kikkawai* (Weeks 1906). BDT xii; MIS iv (ADW).
- Proteides mercurius mercurius* (Fabr. 1787). BDT i,xii; MIS xii (ADW); PV (Comstock & Vázquez 1961).
- Epargyreus exadeus cruza* Evans 1952. AJI vi-viii (Freeman unpubl.); BDH iv,v (López 1989); EBC ix (Beutelspacher 1982); PV ix (Comstock & Vázquez 1961); "Jalesco" (sic) (Evans 1952). The exact distribution of this species in western Mexico is uncertain. Some reports of this species before the description of *E. windi* may actually represent *windi*. Some *Epargyreus* specimens examined in this study, including an apparently undescribed species, could not confidently be assigned to any species.
- Epargyreus windi* Freeman 1969. AHU vi (ADW); AJI vi-x [Type locality] (AMNH, Freeman 1969); BOL (BMNH); EBC ix (Opler, pers. comm., 1993); LCA vi (ADW); LCU, 7 mi S (AMNH).
- Epargyreus spina* Evans 1952. LCU, 7 mi S (AMNH); MIS i (ADW).
- Epargyreus* sp. LCA vi; MIS xii (ADW).
- Polygonus leo arizonensis* (Skinner 1911). BDN iv,xi; BHC (AMNH); MIS i (ADW).
- Polygonus manueli* Bell & Comstock 1948. BDT i,xii (ADW); EBC ix (Opler, pers. comm., 1993); CHIS xii; MIS i,xii (ADW); JAL vii (BMNH).
- Chioides zilpa* (Butl. [1872]). AHU vi (ADW); AJI iv,x (AMNH); BDH i,xi,xii (López 1989); BDT i,xii (ADW); EBC ii,ix,x (Beutelspacher 1982), ix (Opler 1989); LCA vi (ADW); LCU vii-viii; LCU, 7 mi S (AMNH); MIS i,iv,xii; PV xii (ADW).
- Chioides catillus albofasciatus* (Hewit. 1867). AHU vi (ADW); AJI x; Bahía de Banderas xi (AMNH); BDH i,ii,xi,xii (López 1989); BDT i,xii (ADW); CHP v (AMNH); CHIS ii,xii (ADW); BHC (AMNH); GUA vii-x (BMNH); LCA vi (ADW); LCU (AMNH); Lake CHP (BMNH); MAG, 8.7 mi W viii (AME); MIS i-iv,xii; PV i-iv,xii (ADW).
- Aguna asander asander* (Hewit. 1867). AHU vi (ADW); BDN iv (AMNH); BDT i,xii (ADW); EBC iii (Beutelspacher 1982), ix (Opler 1989); CHIS i,xii; CHI, 2.5 km W, on Hwy 200 xii (ADW); GUA viii (CUIC); LCA vi; MIS i,iv,xii; PV ii (ADW); TEN iv (AMNH); JAL vii (BMNH).
- Aguna metophis* (Latr. [1824]). BDT i,xii; CHIS xii; MIS i,xii (ADW); PV (Comstock & Vázquez 1961); YEL xii (ADW).
- Typhedanus undulatus* (Hewit. 1867). BDN iv (AMNH); MIS i (ADW); PV (Comstock & Vázquez 1961).
- Typhedanus ampyx* (Godm. & Sal. [1893]). BDH xi (López 1989); EBC ix (Beutelspacher 1982); LCA vi; MIS xii (ADW).
- Polythrix octomaculata* (Sepp 1848). AHU vi; BDT i,xii; MIS i (ADW).
- Polythrix asine* (Hewit. 1867). AJI x (Freeman unpubl.); BDH v-viii (López 1989); BDT i,xii (ADW); Bahía de CHM iii,xi (AMNH); EBC i,xii (Beutelspacher 1982), ix (Opler 1989); CHIS i,xii (ADW); LCA, 10 mi S LCU vii-viii (AMNH); MIS i,xii (ADW); PV (Comstock & Vázquez 1961); TEN iv (AMNH).
- Polythrix mexicanus* Freeman 1969. AJI x [allotype female] (AMNH, Freeman 1969).
- Zestusa staudingeri elwesi* (Godm. & Sal. [1893]). AJI v (AMNH).
- Codatractus carlos* Evans 1952. BDT i,xii; MIS i,xii (ADW).
- Codatractus alcaeus alcaeus* (Hewit. 1867). BDT i,xii; MIS i,xii (ADW).
- Codatractus arizonensis* (Skinner 1905). AHU vi (ADW); AJI x (AME), v-ix (AMNH); CHP v; GUA, km 641, Hwy 15 viii (AMNH).
- Codatractus sallyae* Warren 1995. AHU vi [Type Locality]; LCA vi (Warren 1995a).
- Codatractus melon* (Godm. & Sal. [1893]). BDH iii (López 1989); EBC v-xii (Beutelspacher 1982), ix (Opler 1989); BHC (AMNH); LCA vi (ADW); PV (Comstock & Vázquez 1961); ZEN vi (ADW); JAL (Evans 1952).
- Codatractus bryaxis* (Hewit. 1867). LCA vi (ADW).
- "*Codatractus*" *hyster* (Dyar 1916). AHU vi; LCA vi (ADW).
- Urbanus proteus proteus* (L. [1758]). AJI v-x (AMNH); BDH xi-xii (López 1989); BDT i,xii; CHIS i,xii (ADW); BHC (AMNH); GUA (BMNH); Hwy 200, 1 km E km 175.5

- xii (ADW); Lake CHP (BMNH); MAG, 8.7 mi W viii (AME); MIS i,iii,iv,xii (ADW); PV (Comstock & Vázquez 1961).
- Urbanus viterboana* (Ehrm. [1907]). AJI ix,xi (AMNH); MIS i (ADW).
- Urbanus belli* (Hayward 1935). BDT i,xii; CHIS xii; MIS i,xii (ADW).
- Urbanus esmeraldus* (Butl. 1877). CHIS xii; MIS xii (ADW).
- Urbanus evona* Evans 1952. CHIS i,xii; MIS xii (ADW).
- Urbanus prodicus* Bell 1956. MIS xii (ADW).
- Urbanus esta* Evans 1952. CHIS xii; MIS i,xii (ADW).
- Urbanus teleus* (Hübner 1821). AHU vi (ADW); BDH v (López 1989); BDT i,xii (ADW); EBC x,xii (Beutelspacher 1982); CHIS xii (ADW); LCA, 10 mi S LCU vii–viii (AMNH); MIS i,xii; PV iv (ADW), ix (AME).
- Urbanus procne* (Plötz 1881). AHU vi (ADW); AJI v; BDN iv (AMNH); BDT i,xii; CHIS ii,xii (ADW); BHC (AMNH); MAG, 8.7 mi W viii (AME); MIS i,iii,iv,xii; PV iv (ADW); JAL vii (BMNH).
- Urbanus simplicius* (Stoll 1790). BDN iii (AMNH); BDH i,xii (López 1989); BDT i,xii; CHIS xii (ADW); EBC x (Beutelspacher 1982); MIS i,iii,iv,xii (ADW); PV ii,iv,xii (ADW); Zapotillo (RES).
- Urbanus dorantes dorantes* (Stoll 1790). AHU vi (ADW); AJI ix; Bahía de Banderas iii,xi; BDN iv,xi (AMNH); BDH i,vii–xi (López 1989); BDT i,xii (ADW); Bahía de CHM xii (AMNH); EBC x (Beutelspacher 1982), ix (Opler 1989); CHIS i,xii (ADW); BHC (AMNH); GUA vii,ix,x (BMNH); LCA vi (ADW); LCA, 10 mi S LCU vii–viii; LCU i; LCU, 7 mi S (AMNH); LDC (Godm. & Sal. 1887–1901); MAG, 8.7 mi W viii (AME); Mirador vii–viii (AMNH); MIS i–iv,xii (ADW); Peñas xi (AMNH); PV i–iv,vi,viii,xii (many); Río San Pedro vii–viii; TEN iv,xi (AMNH); YEL xii; ZEN vi (ADW).
- Urbanus chales* (Godm. & Sal. [1893]). BDT i,xii; MIS i,xii; PV (ADW).
- Astraptus fulgurator azul* (Reak. [1867]). AHU vi (ADW); AJI ix (AMNH); BDT i,xii (ADW); Bahía de CHM xii (AMNH); EBC x,xii (Beutelspacher 1982), ix (Opler 1989); CHIS xii (ADW); MIS i,iii,iv,xii; PV ix,xii; YEL xii (ADW).
- Astraptus alector hopfferi* (Plötz 1882). BDN xi (AMNH); BDH i,xi,xii (López 1989); BDT i,xii (ADW); EBC iii (Beutelspacher 1982), ix (Opler, pers. comm., 1993); CHIS xii; LCA vi (ADW); GUA x (BMNH); MIS i,xii (ADW); TEN ix (AMNH); YEL xii (ADW).
- Astraptus anaphus annetta* Evans 1952. AHU vi (ADW); Bahía de Banderas xi; BDN xi (AMNH); BDT i,xii (ADW); EBC xii (Beutelspacher 1982), ix (Opler 1989); CHIS xii; MIS i,iii,iv,xii; PV xii (ADW); TEN iv,xi (AMNH); YEL xii (ADW); JAL vii (BMNH).
- Astraptus egregius* (Butl. 1870). LCA vi (ADW).
- Narcosius parisi helen* (Evans 1952). BDT i; CHIS xii; MIS xii (ADW); TEN iv (AMNH).
- Autochton cellus* (Boisd. & LeC. [1837]). AJI vi,vi,ix (AMNH); Atenquique, 13 mi W, 7800' vii (LACM); BDH vii (López 1989); GUA (USNM), ix,x (BMNH); Sayula, 2 mi SW vii–viii (AMNH).
- Autochton pseudocellus* (Coolidge & Clemence [1910]). Sayula, 2 mi SW vii,viii; Villa Corona, 1 mi E vii–viii (AMNH).
- Autochton cinctus* (Plötz 1882). GUA iv (AMNH); PLM vi (ADW); Sayula, 2 mi SW vii–viii (AMNH).
- Autochton neis* (Geyer [1832]). BDT i,xii (ADW); EBC ix,x (Beutelspacher 1982); CHIS xii; LCA vi; MIS i,xii (ADW).
- Achalarus casica* (Herr.-Sch. 1869). AJI v,ix (AMNH); GUA x (BMNH); GUA, 21 mi N viii (AMNH); MAG, 8.7 mi W viii (AME).
- Achalarus toxeus* (Plötz 1882). AJI iv–ix (AMNH); Ameca viii (AME); Valle de Autlán vii–viii (AMNH); BDT i,xii (ADW); Bahía de CHM iii, xii (AMNH); GUA (BMNH); LCU, 7 mi S (AMNH); MIS i,xii; PV iv (ADW); JAL (Evans 1955).
- Achalarus albociliatus* (Mab. 1877). Atenquique v (AME); BDN iv (AMNH); BDH ii–xi (López 1989); PV (Comstock & Vázquez 1961); JAL vii (BMNH).
- Thessia jalapus* (Plötz 1882). GUA (BMNH).



*{Thorybes drusus* (Edw. [1884]). EBC x,xii (Beutelspacher 1982). This locality seems very unlikely for *T. drusus*. Since several skipper species illustrated by Beutelspacher in 1982 were misdetermined, this record may also be in error (it probably represents an *Achalarus*), and until other specimens from Jalisco are examined, this species' occurrence in Jalisco is listed as hypothetical, although it almost certainly occurs in Jalisco at higher elevations to the north around Bolaños.

*Thorybes mexicana mexicana* (Herr.-Sch. 1869). GUA viii-x (BMNH); Sayula, 2 mi SW vii-viii (AMNH).

*"Thorybes" uvydixa* Dyar 1914. ZEN vi (ADW).

*Cabares potrillo* (Lucas 1857). BDT i,xii; CHIS i,xii (ADW); Cihuatlán ix (AME); LCA vi (ADW); LCA, 10 mi S LCU vii-viii (AMNH); MAG, 8.7 mi W viii (AME); MIS i,ii,xii; PV xii (ADW).

*Ocyba calathana calanus* (Godm. & Sal. [1894]). BDT xii (ADW).

*Celaenorrhinus stola* Evans 1952. BDT xii; LCA vi; MIS xii; PV xii (ADW).

*Celaenorrhinus fritzgaertneri* (Bailey 1880). BDH viii-xi (López 1989); MIS xii; ZEN vi (ADW).

*Spathilepia clonius* (Cr. [1775]). AHU vi; BDT i,xii (ADW); EBC xii (Beutelspacher 1982); MIS i,iv,xii (ADW); PV (Comstock & Vázquez 1961); YEL xii (ADW); JAL vii (BMNH).

*Cogia hippalus hippalus* (Edw. 1882). EBC ix (Opler 1989); LCA, 10 mi S LCU vii-viii (AMNH); ZEN vi (ADW).

*Cogia calchas* (Herr.-Sch. 1869). AHU vi (ADW); AJI vi (Freeman unpubl.); BDT i,xii (ADW); La Huerta, 7 mi E (AMNH); MAG, 8.7 mi W viii (AME); MIS i,xii; ZEN vi (ADW); JAL vii (BMNH).

*Cogia eluina* Godm. & Sal. [1894]. BDH vii (López 1989).

*Telemiades choricus* (Schaus 1902). MIS xii (ADW).

*Telemiades fides* Bell 1949. BDT i; CHIS xii; MIS i,xii (ADW).

*Arteurotia tractipennis* Butl. & Druce 1872. EBC xii (Beutelspacher 1982); ix (Opler 1989).

*Polyctor cleta* Evans 1953. BDT i,xii (ADW); EBC ix (Opler 1989); CHIS xii; LCA vi; MIS i,xii (ADW); JAL vii (BMNH).

*Nisoniades rubescens* (Möschler 1876). BDT i,xii; MIS i,xii; PV i,xii (ADW).

*Nisoniades ephora* Herr.-Sch. 1870. AHU vi (ADW); AJI xi (AMNH).

*Pellicia arina* Evans 1953. MIS i,xii; PV xii (ADW).

*Pellicia dimidiata dimidiata* Herr.-Sch. 1870. AHU vi; BDT xii; LCA vi; MIS i (ADW).

*Noctuana stator* (Godm. & Sal. [1899]). AJI vii (Freeman unpubl.).

*Noctuana noctua bipuncta* (Plötz 1884). PLM vi (ADW).

*Bolla subapicatus* (Schaus 1902). AJI viii-x (AMNH); GUA ix (BMNH); LCA vi (ADW).

*Bolla orbines* (Godm. & Sal. [1896]). AJI v-x (AMNH); LCA vi (ADW); LCU i (AMNH); LDC [Type Locality] (Godm. & Sal. 1887-1901, BMNH); MIS xii (ADW).

*Bolla eusebius* (Plötz 1884). LCA ix, MIS xii; PLM vi (ADW).

*Bolla evippe* (Godm. & Sal. [1896]). AHU vi (ADW).

*Bolla clytius* (Godm. & Sal. [1897]). AJI viii-x (Freeman unpubl.); EBC x (Beutelspacher 1982).

*Bolla litus* (Dyar 1912). AJI vii-x; Autlán Valley vii-viii; GUA, km 641, Hwy 15 viii (AMNH); MAG, 8.7 mi W viii (AME).

*Staphylus tierra* Evans 1953. AHU vi (ADW); AJI vii (AMNH); BDT xii (ADW); EBC xii (Beutelspacher 1982); CHIS xii (ADW); GUA v (AMNH); LCA vi (ADW); LCA, 10 mi S LCU vii-viii (AMNH); MAG, 8.7 mi W viii (AME); MIS i,ii,iv,xii; PV iii,xii (ADW); JAL vii (BMNH).

*Staphylus azteca* (Scudder 1872). BDT xii (ADW); GUA ix; Lake CHP (BMNH); MIS i,xii; PV xii (ADW).

*Staphylus vincula* (Plötz 1886). AJI viii-x (AMNH); Lake CHP (BMNH); Río San Pedro vii-viii (AMNH).

*Staphylus iguala* (Williams & Bell 1940). LCA vi (ADW); LCA, 10 mi S LCU vii-viii (AMNH); PLM vi; ZEN vi (ADW).

*Staphylus vulgata* (Möschler 1878). LCA vi (ADW).

- Gorgythion begga pyralina* (Möschler 1876). AHU vi; BDT xii (ADW); EBC ii (Beutelspacher 1982); CHIS xii; MIS i,ii,xii; PV xii; ZEN vi (ADW).
- Zera hyacinthinus* (Mab. 1877). AJI ix,x (Freeman 1966, AMNH); BDT xii; MIS xii (ADW); PV vi (AME).
- Quadrus cerialis* (Stoll [1782]). BDT i,xii (ADW); GUA (AME); MIS xii (ADW).
- Quadrus lugubris* (Feld. [1869]). BDT i,xii; CHIS xii; LCA vi; MIS i,xii (ADW).
- Sostrata bifasciata nordica* Evans 1953. MIS xii (ADW); TEN iv (AMNH).
- Paches polla* (Mab. 1888). BDT xii; CHIS xii; MIS i,xii (ADW).
- Atarnes sallei* (Feld. & Feld. [1867]). BDT xii (ADW); EBC i (Beutelspacher 1982); CHIS i,xii; MIS i,xii (ADW).
- Carrhenes canescens canescens* (Feld. 1869). EBC ix (Beutelspacher 1982); CHIS xii (ADW); LCA, 10 mi S LCU vii–viii (AMNH); MIS i,xii (ADW); JAL vii (BMNH).
- Carrhenes fuscescens* (Mab. 1891). EBC ix (Opler, pers. comm., 1993); LCA vi (ADW); PV (Comstock & Vázquez 1961).
- Mylon lassia* (Hewit. [1868]). JAL (Freeman unpubl.).
- Mylon menippus* (Fabr. 1777). BDT i,xii; CHI, 2.5 km W, on Hwy 200 i; MIS i,iii,iv,xii (ADW).
- Mylon pelopidas* (Fabr. 1793). Bahía de Banderas xi (AMNH); LCA vi; MIS i (ADW); PV (Comstock & Vázquez 1961); TEN iii, xi (AMNH); JAL vii (BMNH).
- Xenophanes tryxus* (Stoll [1780]). CHIS i; MIS i,xii; PV xii (ADW).
- Clito clito* (Fabr. 1787). BDT xii; MIS iv (ADW).
- Antigonus nearchus* (Latr. [1813]). BDT i,xii; MIS i,ii,iv,xii; PV xii (ADW).
- Antigonus erosus* (Hübner [1812]). AHU vi; BDT i,xii (ADW); EBC ix (Beutelspacher 1982); CHIS i; LCA vi; MIS i,iv,xii; PV i,xii (ADW), ix,x (AME); YEL xii (ADW).
- Antigonus emorsa* (Feld. 1869). AHU vi (ADW); BDH viii–xi (López 1989); GUA x (BMNH); MAG, 8.7 mi W viii (AME); ZEN vi (ADW).
- Antigonus funebris* (Feld. 1869). AJI ix,x (AMNH); BDH iv–viii (López 1989); EBC x (Beutelspacher 1982); ix (Opler, Pers. Comm., 1993); BHC (AMNH); LCA vi (ADW); PV (Comstock & Vázquez 1961).
- Systasea pulverulenta* (Feld. 1869). AHU vi (ADW); AJI v (AMNH); LCA vi (ADW); LCA, 10 mi S LCU vii–viii (AMNH); YEL xii (ADW).
- Zopyrion sandace* Godm. & Sal. [1896]. AHU vi (ADW); BDH v–vii (López 1989); BDT xii (ADW); EBC vii,x (Beutelspacher 1982); ix (Opler 1989); LCA vi; MIS xii; PV xii (ADW); TEN xi (AMNH); ZEN vi (ADW).
- Achlyodes busirus heros* Ehrm. 1909. BDT xii; CHIS i,xii; MIS iv,xii (ADW); PV (Comstock & Vázquez 1961); YEL xii (ADW); JAL vii (BMNH).
- Achlyodes selva* Evans 1953. AJI iv,v (AMNH); BDH i–v (López 1989).
- Eantis tamenund* (Edw. [1871]). AHU vi; BDT xii (ADW); EBC x (Beutelspacher 1982); CHIS xii (ADW); LCA, 10 mi S LCU vii–viii (AMNH); MIS i,xii (ADW).
- Grais stigmaticus stigmaticus* (Mab. 1883). MIS xii (ADW); PV (Comstock & Vázquez 1961).
- Doberes hewitius* (Reak. [1867]). JAL vii (AMNH).
- Timochares trifasciata trifasciata* (Hewit. 1868). BDT i,xii (ADW); EBC i,xii (Beutelspacher 1982); CHIS xii (ADW); BHC (AMNH); MIS i,iv,xii (ADW); PV (Comstock & Vázquez 1961).
- Timochares ruptifasciata ruptifasciata* (Plötz 1884). LCU vii–viii (AMNH); PV (Comstock & Vázquez 1961); JAL (BMNH).
- Anastrus sempiturnus sempiturnus* (Butl. & Druce 1872). AHU vi (ADW); AJI ix (AMNH); BDT i; CHI, 2.5 km W, on Hwy 200 i; MIS i,xii; PV i,iii,xii; (ADW).
- Anastrus robigus* (Plötz 1884). MIS i,iv,xii (ADW); PV (Comstock & Vázquez 1961).
- Cycloglypha thrasibulus thrasibulus* (Fabr. 1793). BDT i,xii; CHIS xii; MIS i,xii (ADW); PV (De la Maza 1987); iii,xii (ADW); JAL vii (BMNH).
- Ebrietas anacreon anacreon* (Staud. 1876). BDH i (López 1989); BDT xii (ADW); EBC x (Beutelspacher 1982); MIS xii (ADW).
- Theagenes albipлага aegides* (Herr.-Sch. 1869). LCU vii–viii (AMNH).
- Chiomara mithrax* (Möschler 1878). BDH viii (López 1989); EBC vii (Beutelspacher 1982); CHIS i; LCA vi (ADW); PV (Comstock & Vázquez 1961).

- Chiomara asychis georgina* (Reak. 1868). AJI ix (AMNH); BDH xi,xii (López 1989); EBC ii (Beutelspacher 1982); ix (Opler 1989); GUA ix (BMNH); PV (Comstock & Vázquez 1961).
- Gesta gesta incisus* (Butl. & Druce 1872). AJI viii; Bahía de Banderas iii (AMNH); BDT i,xii (ADW); EBC x (Beutelspacher 1982); CHIS i,xii (ADW); GUA ix (BMNH); LCU vii–viii (AMNH); MIS i,xii; PV i,iv,viii,xii (ADW).
- Erynnis funeralis* (Scudder & Burgess 1870). AHU vi (ADW); AJI viii (AMNH); Ameca viii (AME); Valle de Autlán vii–viii (AMNH); CHIS xii (ADW); LDC (Godm. & Sal. 1887–1901); MAG, 8.7 mi W viii (AME).
- Erynnis scudderi* (Skinner 1914). BOL (BMNH). See Burns (1964).
- Erynnis juvenalis clitus* (Edw. 1883). JAL (Evans 1953).
- Erynnis tristis tatius* (Edw. 1883). LCA vi (ADW); LCU (AMNH).
- {*Erynnis mercurius* (Dyar 1926)}. BDH iv (López 1989) Although the only previously known specimens of *mercurius* are from D.F. (Burns 1964), it is possible that *mercurius* does occur in Jalisco. Until specimens are examined, however, this species is listed as hypothetical for Jalisco.
- Pyrgus communis* (Grote 1872). AJI; Atenquique vii (Freeman unpubl.); BDH ii–xi (López 1989). We have not examined any genitally typical *communis* specimens in this study.
- Pyrgus albescens* Plötz 1884. AHU vi (ADW); AJI; Autlán Valley, vii,viii (Freeman unpubl.); BHC; GUA v (AMNH), ix,x (BMNH); Lake CHP (Evans 1953); Mirador vii–viii (AMNH); PLM vi (ADW); Sayula, 1 mi W vii,viii (AMNH); ZEN vi (ADW). Several specimens from Ahuacupán, and one specimen from Zenzontla have forewing costal folds, typical of *albescens*, but the valvae are not toothed, and are very smooth, as in *Pyrgus adepta* Plötz, 1884. These specimens may be integrades between *albescens* and *adepta*.
- Pyrgus oileus oileus* (L. 1767). AHU vi (ADW); AJI ix (Freeman unpubl.); Valle de Autlán xi (AMNH); BDT i,xii (ADW); Bahía de CHM xi (AMNH); EBC iii (Beutelspacher 1982); CHP v (AMNH); CHIS i,xii (ADW); BHC (AMNH); LCA vi (ADW); LCA, 10 mi S LCU vii–viii (AMNH); MAG, 8.7 mi W viii (AME); MIS i–iv,xii (ADW); Peñas xi (AMNH); PV i–iv,xii (ADW); TEN (AMNH); ZEN vi (ADW).
- Pyrgus philetas* Edw. 1881. MAG, 8.7 mi W viii (AME); Sayula, 1 mi SW vii–viii; Villa Corona, 1 mi E vii–viii (AMNH).
- Helioptetes domicella domicella* (Erichson 1848). AJI ix (AMNH); MAG, 8.7 mi W viii (AME).
- Helioptetes macaira macaira* (Reak. [1867]). AHU vi (ADW); AJI ix (Freeman unpubl.); BDH vii–xi (López 1989); BDT xii (ADW); EBC iii,vi (Beutelspacher 1982); CHIS xii (ADW); GUA ix (BMNH); LCA vi (ADW); Lake CHP (BMNH); MIS i–iv,xii; PV i,iii,iv,xii; ZEN vi (ADW).
- Helioptetes laviana laviana* (Hewit. [1868]). AHU vi (ADW); Valle de Autlán vii–viii (AMNH); BDH vii–xi (López 1989); BDT xii (ADW); EBC iii (Beutelspacher 1982), ix (Opler 1989); CHIS xii (ADW); GUA ix (BMNH); LCA, 10 mi S LCU vii–viii (AMNH); MAG, 8.7 mi W viii (AME); MIS xii; PV xii (ADW).
- Helioptetes arsalte arsalte* (L. 1758). BDH x (López 1989); EBC iii (Beutelspacher 1982); PV i (ADW).
- Helioptetes alana* (Reak. 1868). BDT xii (ADW); LCA, 10 mi S LCU vii–viii (AMNH); MIS i,iii,iv,xii (ADW); TEN iv (AMNH).
- Pholisora mejicana* (Reak. [1867]). AJI vii (AMNH); GUA (Evans 1953); LDC (Godm. & Sal. 1887–1901); La Huerta, 1 mi E vii–viii; Villa Corona, 1 mi E vii–viii (AMNH).
- Piruna brunnea* (Scudder 1872). LCA, 10 mi S LCU vii–viii (AMNH).
- Piruna gyrans* (Plötz 1884). BOL (Godm. & Sal. 1887–1901). *Piruna sticta* Evans, 1955, also described from Bolaños, is a synonym of *gyrans* (Freeman, pers. comm., 1995).
- Piruna microsticta* (Godman [1900]). BDH vii (López 1989); JAL (Freeman unpubl.).
- Piruna penaea* (Dyar 1918). Valle de Autlán vii–viii (AMNH); MAG, 8.7 mi W viii (AME).
- Piruna ajijicensis* Freeman 1970. AJI vii–xi [Type Locality](Freeman 1970, AMNH).
- Piruna* sp. nov. AJI ix (AMNH).

- Dardarina dardaris* (Hewit. 1877). Valle de Autilán vii–viii (AMNH); GUA (AMNH), ix (BMNH); MAG, 8.7 mi W viii; Tizapán, vii (AME).
- Dalla faula* (Godman [1900]). GUA [Type Locality](Godm. & Sal. 1887–1901, BMNH); LCA, 10 mi S LCU vii–viii (AMNH).
- Dalla dividuum* (Dyar 1913). LCA vi (ADW).
- Dalla ligilla* (Hewit. 1877). LCA vi (ADW).
- Synapte syraces* (Godman [1901]). CHIS i; LCA vi; ZEN vi (ADW).
- Synapte shiva* Evans 1955. BDH ii–iii, xi–xii (López 1989); BHC (AMNH); GUA (USNM); LCA, 10 mi S LCU vii–viii (AMNH); Lake CHP (BMNH); MAG, 8.7 mi W viii (AME); PV (Comstock & Vázquez 1961). Some of these literature records may refer to *syraces*.
- Zariaspes mythecus* (Godman [1900]). BDT xii; CHIS xii; MIS i, xii; PV xii (ADW).
- Corticea corticea* (Plötz 1883). BDT i (ADW); GUA (USNM); MIS i, iii, xii; PV i, iii, iv, xii (ADW).
- Callimormus saturnus* (Herr.-Sch. 1869). BDT i, xii; CHIS xii; LCA vi (ADW); MAG, 8.7 mi W viii (AME); MIS i, iii, iv, xii (ADW); Plan de Barraneasa, 1 mi W vii (AMNH); PV iii, xii (ADW).
- Eprius veleda* (Godman [1901]). AJI x (AMNH).
- Mnasicles* sp. nov. CHIS xii; PLM vi (ADW).
- Methionopsis ina* (Plötz 1882). BDT xii (ADW); CHP (Freeman unpubl.); CHIS i, xii; MIS i, iv, xii; PV xii (ADW).
- Flaccilla aecas* (Stoll [1781]). MIS xii (ADW).
- Phanes aletes* (Geyer [1832]). MIS i, xii (ADW).
- Vidius perigenes* (Godman [1900]). JAL (Freeman unpubl.).
- Monca tyrtaeus* (Plötz 1883). MIS i, xii (ADW).
- Nastra julia* (Freeman 1945). AJI ii (AMNH); MAG, 8.7 mi W viii (AME); Mirador vii–viii (AMNH).
- Cymaenes odilia trebius* (Mab. 1891). BDT xii; CHIS xii (ADW); GUA (BMNH); MIS i, iv, xii; PV iii, xii (ADW).
- Vehilius inca* (Scudder 1872). AHU vi (ADW); GUA (USNM); LCA vi; MIS xii; PV iii (ADW).
- Vehilius illudens* (Mab. 1891). JAL (Freeman unpubl.).
- Mnasilus allubitus* (Butl. 1877). “San Blas, Jalisco” (BMNH).
- Remella remus* (Fabr. 1798). BDT i, xii (ADW); EBC ix (Opler, pers. comm., 1993); MIS xii (ADW).
- Remella rita* (Evans 1955). JAL (AMNH).
- Lerema accius accius* (Smith 1797). AHU vi (ADW); AJI ix (AMNH); BDT i, xii (ADW); CHP ii (AMNH); GUA viii (AMNH), ix (BMNH); Hwy 200, 1–2 km E, km 175.5 i (ADW); LCA, 10 mi S LCU vii–viii (AMNH); MIS i, xii; PV iii, xii (ADW). More than one species may be represented by these records.
- Lerema liris* Evans 1955. EBC ix (Beutelspacher 1982); GUA ix (BMNH); GUA, km 641, Hwy 15 viii (AMNH); PV (Comstock & Vázquez 1961).
- Morys valda* Evans 1955. LCA vi; MIS i, iv, xii (ADW).
- {*Tigasis zalates* Godman [1900]}. EBC iii (Beutelspacher 1982). Beutelspacher's illustration of “*zalates*” is apparently a *Lerema* species. Until specimens are examined, this species listing for Jalisco is hypothetical.
- Vettius fantasos* (Stoll [1780]). BDT xii; CHIS i; LCA vi; MIS i, xii; PV xii (ADW); Tonila x (MZFC); YEL xii (ADW).
- Perichares philetas adela* (Hewit. [1867]). BDT i (ADW); EBC i (Beutelspacher 1982); MIS i, xii; PV xii (ADW).
- Lycas argentea* (Hewit. [1866]). LCA vi (ADW).
- Quinta cannae* (Herr.-Sch. 1869). MIS i, xii; PV xii (ADW).
- Rhinthon osca* (Plötz 1883). GUA ix–x (BMNH).
- Mucia zygia* (Plötz 1886). CHIS i; PV iii (ADW).
- Conga chydaea* (Butl. 1877). BDT i; MIS i, xii (ADW).
- Ancyloxypha arene* (Edw. [1871]). ADJ, 2 mi S vii–viii; AJI vii, x (AMNH); BDT i, xii



- (ADW); EBC ix (Beutelspacher 1982); CHI i (ADW); GUA ix (BMNH); Hwy 200, 4.3 km W km 175.5 i; MIS xii; PV iii,iv (ADW).
- Copaeades minima** (Edw. 1870). AJI x (AMNH); BDH i (López 1989); BDT i; CHIS xii (ADW); BHC (AMNH); GUA v (AMNH); LCA vi (ADW); Lake CHP (BMNH); MIS xii; PV iv,xii (ADW); Sayula, 1 mi SW vii–viii; Villa Corona, 1 mi E vii–viii (AMNH).
- Copaeades aurantiaca** (Hewit. [1868]). Lake CHP (BMNH).
- Adopaeoides prittwitzii** (Plötz 1884). JAL (Freeman unpubl.).
- Hylephila phyleus phyleus** (Drury [1773]). ADJ, 2 mi S vii–viii (AMNH); BDH i–v (López 1989); BDT i,xii (ADW); EBC iii,viii,ix (Beutelspacher 1982); CHIS xii (ADW); BHC (AMNH); El Tuito, N of viii (RES); MIS i,iii,iv,xii; PV i,iii,iv,xii (ADW); Villa Corona, 1 mi E vii–viii (AMNH).
- Polites subreticulata** (Plötz 1883). CHIS xii (ADW); PV xii (AMNH).
- Polites vibex praeceps** (Scudder 1872). BDH vii–viii (López 1989); BDT i,xii; CHIS xii; LCA vi (ADW); MAG, 8.7 mi W viii (AME); MIS i,iv,xii (ADW); Peñas xi (AMNH); PV i,ii,xii (ADW).
- Polites puxillus** (Mab. 1891). BOL (Godm. & Sal. 1887–1901). See Burns (1994a).
- Polites pupillus** (Plötz 1883). BOL (Evans 1955, BMNH).
- Pseudocopaeades eunus chromis** (Skinner 1919). GUA ix (BMNH).
- Wallengrenia otho otho** (Smith 1797). BDT i,xii; CHIS xii; MIS i,xii (ADW).
- Pompeius pompeius** (Latr. [1824]). AHU vi; BDT i,xii; CHIS xii; MIS i,iv,xii; PV i,iii,xii (ADW).
- Anatrytone mazai** (Freeman 1969). El Tuito, N of viii (RES). See Burns (1994b).
- Paratrytone** sp. BDH iii–v (López 1989); GUA, km 641, Hwy 15 viii (AMNH). Up to four species of *Paratrytone* may occur in Jalisco at high elevations.
- Ochlodes samenta** Dyar 1914. JAL (Freeman unpubl.).
- Poanes zabulon** (Boisd. & LeC. [1837]). CHP v (AMNH).
- Poanes taxiles** (Edw. 1881). BOL (BMNH). See Burns (1992b).
- Poanes melane vitellina** (Herr.-Sch. 1869). AJI iv,v (AMNH); BDH vii (López 1989); GUA ix (BMNH).
- Poanes inimica** (Butl. & Druce 1872). BDH viii (López 1989).
- "Poanes" benito** Freeman 1979. LCA, 10 mi S LCU vii,viii [Type Locality](Freeman 1979, AMNH). See Burns (1992b).
- Quasimellana aurora** (Bell 1942). Hwy 200 nr Vallarta, Las Juntas-Verano 1000' viii (USNM); LCA vi; PLM vi (ADW). See Burns (1994b).
- Quasimellana balsa** (Bell 1942). BDT xii; LCA vi (ADW); Tomatlán, 13 mi N (Burns, pers. comm., 1995).
- Quasimellana eulogius agnesae** (Bell 1959). PV xii (ADW).
- Quasimellana mulleri** (Bell 1942). LCU, 7 mi S 3200' (AMNH). See Burns (1994b).
- Halotus rica** (Bell 1942). GUA (USNM).
- Halotus jonaveriorum** Burns 1992. LCU, 7 mi S (AMNH).
- Metron chrysoastra** (Butl. 1870). CHIS i (ADW).
- Atrytonopsis edwardsi** B. & McD. 1916. AJI ix (AMNH); BDH i–iii,xi–xii (López 1989); GUA (Burns 1983).
- Amblyscirtes folia** Godman [1900]. AHU vi (ADW); AJI viii–x (AMNH); GUA (USNM); LCA vi (ADW); LCA, 10 mi S LCU vii–viii; LCU (AMNH); Lake CHP (BMNH), ix–x (Freeman 1973).
- Amblyscirtes exotera** (Herr.-Sch. 1869). BOL (BMNH).
- Amblyscirtes cassus** Edw. 1883. AJI x (AMNH).
- Amblyscirtes fluonia** Godman [1900]. AJI vii–ix (AMNH); GUA (USNM), ix (BMNH); Lake CHP (BMNH); MAG, 8.7 mi W viii (AME).
- Amblyscirtes tolteca tolteca** Scudder 1872. AHU vi (ADW); BDH vi (López 1989); GUA ix (BMNH); LCA vi (ADW); MAG, 8.7 mi W viii (AME); PV (Comstock & Vázquez 1961); ZEN vi (ADW).
- Amblyscirtes elissa arizonae** Freeman 1993. CHP vi (Freeman 1993).
- "Amblyscirtes" florus** (Godman [1900]) (= *Repens reptata* Evans 1955). AJI ix (Freeman unpubl.); GUA ix [repta Type Locality](Evans 1955, BMNH); LCU vii,viii (AMNH).

- Lerodea eufala* (Edw. 1869). Bahía de Banderas iii (AMNH).  
*Lerodea dysaules* Godman [1900]. AJI vii,ix (AMNH); MIS i,xii; PV i,xii (ADW).  
*Calpodes ethlius* (Stoll [1782]). GUA ix (BMNH); MIS i,xii (ADW).  
*Panoquina errans* (Skinner 1892). Bahía de CHM xi; Bahía de TEN xi (AMNH).  
*Panoquina ocola* (Edw. 1863). BDT i,xii (ADW); EBC i (Beutelspacher 1982); CHIS i; CHI, 2.5 km W, on Hwy 200 i; LCA vi; MIS i,iv,xii; PV i-iii,xii (ADW).  
*Panoquina hecebola* (Scudder 1872). MAG, 8.7 mi W viii (AME).  
*Panoquina sylvicola* (Herr.-Sch. 1865). BDT i; CHI, on Hwy 200 i; LCA vi; MIS i (ADW).  
*Panoquina evansi* (Freeman 1946). CHI, on Hwy 200 i; CHI, 2.5 km W, on Hwy. 200 i; MIS xii; PV xii (ADW).  
*Zenis jebus janka* Evans 1955. BDT i; CHIS i; CHI, 2.5 km W, on Hwy 200 i; LCA vi; MIS xii (ADW).  
*Nyctelius nyctelius nyctelius* (Latr. [1824]). AJI ix (AMNH); BDT i; CHIS xii (ADW); BHC (AMNH); GUA ix (BMNH); MIS i,xii (ADW).  
*Thespieus macareus* (Herr.-Sch. 1869). AJI v,ix (AMNH) BDH iii (López 1989); GUA v (AMNH).  
*Thespieus dalman guerreronis* Dyar 1913. BDT xii; CHIS xii (ADW).  
*Vacerra aea* (Plötz 1882). MIS i,xii (ADW).  
*Vacerra gayra* (Dyar 1918). BDT xii; MIS i,xii (ADW).  
*Vacerra lachares* Godman [1900]. MIS i (ADW). Steinhauser's (1974) figure of the genitalia of *V. lachares* is actually *V. gayra*. Our usage of the name *lachares* here is tentative, because the type of *lachares* is a female from Costa Rica, and the only similar Mexican specimens that have been examined (from Nayarit and Jalisco) are males.  
*Vacerra cervara* Steinhauser 1974. MIS xii (ADW). This is the first record of this species from México.  
*Niconiades xanthaphes* Hübner [1821]. MIS xii (ADW).  
*Aides dysoni* Godman [1900]. MIS i,xii (ADW); Peñas xi (AMNH); PV (Comstock & Vázquez 1961).  
*Saliana esperi* Evans 1955. MIS xii (ADW).  
*Saliana fusta* Evans 1955. LCA vi; MIS i,xii (ADW).  
*Saliana longirostris* (Sepp 1848). BDT xii; LCA vi; MIS i,xii (ADW).  
*Thracides phidon* (Cr. [1779]). MIS xii (ADW).  
*Neoxeniades luda* (Hewit. 1877). MIS i,xii (ADW).  
*Stallingsia smithi* (Druce 1896). GUA, km 641, Hwy 15 vi (AMNH).  
*Aegiale hesperiaris* (Walker 1856). Quila (De la Maza 1987).  
*Agathymus fieldi* Freeman 1960. GUA, km 724, Hwy 15 ix (AME); x (AMNH).  
*Agathymus rethon* (Dyar 1913). AHU vi (ADW).

## PAPILIONIDAE (28 SPECIES)

- Baronia brevicornis brevicornis* Salvin 1893. Río Ayuquilla (Beutelspacher 1984); ZEN vi,vii (MZFC).  
*Battus philenor philenor* (L. 1771). ADJ (Rodríguez 1982), vi (CIB); Amatitlán (Beutelspacher 1984); BDH iii-v (López 1989); BES ii-v,vii-xi (IMCyP, Abud 1987,1988); CHP (AMNH); GUA (AME, De la Maza 1987); Sayula; TEN (AMNH); Tequila (Beutelspacher 1984).  
*Battus polydamas polydamas* (L. 1758). AHU iii,vi,x (MZFC); Autlán (Beutelspacher 1984); Bahía de Banderas; BDN (AMNH); BDH v-viii (López 1989); BDT i,xii (ADW); CHM (AMNH); EBC vii,x (UCB); iii,viii-xii (Beutelspacher 1982), ix (Opler 1989); CHIS xii (ADW); BHC (AMNH); Hotel El Dorado, on Hwy 200 iv (LACM); LCA vi (ADW); Melaque, 5 km N xii (UCB); MIS i-iv,xii (ADW); MIS, 12 km S PV iv (LACM); PV (De la Maza 1987), ii,iv,vi,ix,x,xii (LACM), xi,xii (CAS), i,iii,iv,xii (LACM); RT at Hwy 200 i (LACM); TEN (AMNH), i,iii (LACM); YEL ii-iv,viii (LACM), xii (ADW).  
*Battus laodamas iopas* (Godm. & Sal. 1897). EBC viii (Beutelspacher 1982); LCA

- ix,v,vi,x,xi (MZFC); LCA, 10 mi S LCU (AMNH); Melaque Jct, 17 km NNE x (UCB); MIS (De la Maza 1987); PV (De la Maza 1987), ix (LACM), iv (ADW), viii, ix (Comstock & Vázquez 1961, Tyler et. al. 1994); TEN xi (AMNH); Tequila (Beutelspacher 1984); ZEN vi (ADW).
- Battus eracon** (Godm. & Sal. 1897). Autlán (Beutelspacher 1984, CIB); BDN xi (AMNH); BDH xi,xii (López 1989); EBC vii (UCB), ii,iii,vi,viii,x (Beutelspacher 1982); Cihuatlán xii (AME); Melaque, 8 km N xii (UCB); MIS xii (ADW); PLM xii (CAS); PV (De la Maza 1987), xii (CAS), iv (ADW); TEN xi (AMNH).
- Parides alopius** (Godm. & Sal. 1890). AJI (De la Maza 1987); BDH x–xii (López 1989); BES i,iii,v,vi,viii,ix,x (IMCyP, Abud 1987,1988); CHP v (AMNH); GUA (many), v (AME), viii,x (Rothschild & Jordan 1906); Tepatlán (Tyler 1975, Beutelspacher 1984); Tequila (Beutelspacher 1984).
- Parides photinus photinus** (Doubleday 1844). AHU ii,iii,v,vi,viii; ECAL iii (MZFC); Bahía de Tenacatita i,iii (LACM); BDN xii (AMNH); BDH ii–iv,x,xi (López 1989); BDT xii (ADW); BES ii–vi,ix,x (IMCyP, Abud 1987,1988); CHM xi (AMNH); EBC x,xii (Beutelspacher 1982); CHP v,x (LACM); CHIS i,xii (ADW); LCA i,ii,vi,vii,ix,x; ECLO iii (MZFC); Melaque, 5 km N xii; Melaque, 8 km N x,xii (UCB); MIS i,iv,xii (ADW); ECPE iii; PLM i,ii,vi,ix–xi (MZFC); PV (Comstock & Vázquez 1961), xi,xii (CAS), iii,iv,xii (ADW); RT, at Hwy 200 i (LACM); TEN x,xi (AMNH); Tequila xii (many); YEL xii (ADW), xi (CAS); ZEN viii (MZFC).
- Parides montezuma montezuma** (Westw. 1842). ADJ (Rodríguez 1982), vi–xi (CIB); Autlán (Beutelspacher 1984); AHU iii,iv,vi,viii,x,xi (MZFC); BDN, nr. xii (LACM); BDH v–viii (López 1989); BDT xii (ADW); CHM (Rodríguez 1982); EBC ix (CAS), iii, viii–xii (Beutelspacher 1982), ix (Opler 1989); CHP v (AMNH), x (LACM); CHIS i,xii (ADW); El Tuito (De la Maza 1987); GUA (USNM), x (Rothschild & Jordan 1906); LCA ii,viii–xi (MZFC); MIS i,iii,iv,xii (ADW); MIS, 12 km S PV iv (LACM); PV (Comstock & Vázquez 1961, Tyler 1975), ii,viii,x,xi (CAS), iii (ADW); Tecalitlán, 6 km S ix (CAS); TEN xi (AMNH); Tepic viii (CAS); Tomatlán-El Tuito (Beutelspacher 1984); YEL xii (ADW); ZEN vi (MZFC).
- Parides erithalion trichopus** (Rothschild & Jordan 1906). AHU v,vi,x,xi (MZFC); BDH iii,iv,viii,x (López 1989); EBC vii (UCB); CHIS i (ADW); El Tuito (Beutelspacher 1984); Hwy 200, 1 km W km 175.7 i (ADW); LCA ii,viii (MZFC); La Resolana, 25 mi SW xi (AMNH); PLM vi,viii (MZFC); PV ix (De la Maza 1980); RT at Hwy 200 i (LACM); ZEN viii (MZFC).
- Protographium epidaus tepicus** (Rothschild & Jordan 1906). ADJ (Rodríguez 1982), viii (CIB); AHU v,vi (MZFC); BDH iv,vi (López 1989); CHM (Rodríguez 1982), viii (UCB); EBC viii (Beutelspacher 1982); GUA (many); GUA, 2 mi S vi (UCB); LCA v,vi (MZFC); MIS iv (ADW); PV (De la Maza 1987, Comstock & Vázquez 1961), vii,viii (AME), vii,viii,x (LACM), iv (ADW); YEL viii (LACM); ZEN vi (MZFC).
- Protographium philolaus philolaus** (Boisd. 1836). EBC vii (UCB); vii,viii (Beutelspacher 1982); BHC (AMNH); LCA vi (ADW); PV (Comstock & Vázquez 1961) vii (LACM), xii (CAS).
- {**Protographium calliste calliste** (Bates 1864)}. JAL (Rothschild & Jordan 1906).
- Protographium agesilaus fortis** (Rothschild & Jordan 1906). JAL (Tyler et al. 1994).
- Mimoides thymbraeus aconophos** (Gray [1853]). ADJ (Rodríguez 1982), viii (CIB); AHU vi (ADW), x (MZFC); BDH i,v (López 1989); BES vi,x (IMCyP, Abud 1987,1988); El Tuito (De la Maza 1987); GUA (AMNH, USNM), x (Rothschild & Jordan 1906); LCA vi (ADW); LCU ix (AMNH); PV (Comstock & Vázquez 1961); Tamazula vii (CAS); Tomatlán-El Tuito (Beutelspacher 1984); ZEN vi (ADW).
- Mimoides ilus occiduis** (Vázquez 1957). Autlán vii (CAS); EBC vi (Beutelspacher 1982); PV VII; Tamazula vii (CAS).
- Priamides pharnaces** (Doubleday 1846). ADJ (Rodríguez 1982),vi–xi (CIB); AHU vi (MZFC); Autlán (Beutelspacher 1984); BDH v–ix (López 1989); BDT i,xii (ADW); CHM (Rodríguez 1982); EBC x (Beutelspacher 1982); CHP x (LACM); CHIS xii (ADW); GUA (USNM), v (LACM), vii–x (Rothschild & Jordan 1906); MIS i,xii (ADW); Ocotlán ix (USNM); PV iv (ADW).

- Priamides erostratus vazquezae* (Beutelspacher 1976). AHU ix (MZFC); Tapalapa vii (AME); ZEN xi (MZFC)
- Priamides anchisiades idaeus* (Fabr. 1793). BDH vi,vii (López 1989); EBC xii (Beutelspacher 1982); MIS xii; PV iv (ADW).
- Troilides torquatus mazai* (Beutelspacher 1976). MIS ix,x [Type Locality](Beutelspacher 1976b, CIB, Vázquez & Zaragoza 1979); PV (Beutelspacher 1984, De la Maza 1987), ix,x (Beutelspacher 1974).
- Calaides ornithion* ssp. EBC vii,viii (Beutelspacher 1982); PV (Comstock & Vázquez 1961).
- Calaides astyalus bajaensis* (Brown & Faulkner 1992). EBC vii (UCB); PV (Comstock & Vázquez 1961).
- Calaides androgeus* ssp. EBC viii (Beutelspacher 1982); LCA vi,xi; PLM xi (MZFC); PV (Comstock & Vázquez 1961); Tonila x (SDNHM).
- Heraclides thoas autocles* (Rothschild & Jordan 1906). AHU iii (MZFC); BDT xii (ADW); EBC vii,xi (UCB), viii (Beutelspacher 1982), ix (Opler, pers. comm., 1993); LCA viii,ix,x (MZFC); Melaque, 5 km N xii; Melaque, 8 km N xii (UCB); MIS i,iii,xii (ADW); MIS, 12 km S PV iv (LACM); PLM viii (MZFC); PV viii,x (LACM), iii,xii (ADW), ix (Comstock & Vázquez 1961); TEN (AMNH); YEL iv,viii (LACM), xii (ADW); ZEN viii (MZFC).
- Heraclides cresphontes* (Cr. 1777). ADJ (Rodríguez 1982), vi-viii,x,xi (CIB); AHU iii,v,vi,xi (MZFC); BDH iv,viii,xii (López 1989); BDT i,xii (ADW); CHM (Rodríguez 1982); EBC vii,xii (UCB), ii,vi,xii (Beutelspacher 1982), ix (Opler 1989); CHP (AMNH); CHIS xii (ADW); GUA (AMNH), v (Tyler et al. 1994), viii (LACM), vii,ix,x (Rothschild & Jordan 1906); Melaque, 8 km N xii (UCB); MIS i,iii,iv,xii (ADW); PLM viii (MZFC); PV ix,x (LACM), iii,xii (ADW); Tecolotlán, 3 km NE vii (CMNH); Valle de Autlán (AMNH); ZEN v (MZFC).
- Papilio polyxenes asterius* Stoll 1782. ADJ (Rodríguez 1982), iv-viii (CIB); AHU vi,xi (MZFC); BDH x,xii (López 1989); BES ii (IMCyP, Abud 1987,1988); CHM (Rodríguez 1982); CHP; LCU (AMNH); GUA (many); LCA xi (MZFC).
- Pterourus multicaudatus* (Kirby 1884). ADJ (Rodríguez 1982), vi,x,xi (CIB); BDH i-xii (López 1989); CHM (Rodríguez 1982); GUA vii (AMNH), viii (Rothschild & Jordan 1906); Ocotlán x; PV xii (CAS).
- Pyrhrosticta garamas garamas* (Geyer [1829]). ADJ (Rodríguez 1982), ii,viii-xi (CIB); ECAL iii (MZFC); BDH i-xii (López 1989); BES iii,iv,vi-x (IMCyP, Abud 1987,1988); CHP x (LACM); GUA (many), v (AMNH), vii (CAS); Mazamitla x (SDNHM); ECPE III; PLM v,x (MZFC); Tapalpa iii (AME, Tyler et al. 1994); Tonila vii (SDNHM).
- Pyrhrosticta victorinus morelius* (Rothschild & Jordan 1906). AHU iii,viii,x (MZFC); PV (Comstock & Vázquez 1961), iv (ADW).

#### PIERIDAE (43 SPECIES)

- Enantia mazai diazi* Llorente 1984. AHU iii,xi (MZFC); BDT i,xii; CHI, on Hwy 200 i (ADW); EBC x (Beutelspacher 1982); Jalpa (AMNH); LCA ix (MZFC); LCU (AMNH); MIS xii (ADW); PLM iii,vi,viii,x,xi (MZFC); PV, 21.7 mi S vii (SDNHM). This species has been confused with *Enantia jethys* (Boisd. 1836) (see Beutelspacher 1988), a species that does not occur in Jalisco.
- Lieinix nemesis nayaritensis* Llorente 1984. El Durazno, 6 mi E iv (SDNHM); LCA vi,viii,xi; PLM viii,x,xi (MZFC).
- Dismorphia amphiona lupita* Lamas 1979. CHI i; CHIS i,xii (ADW); LCA ix,xi (MZFC); MIS xii (ADW); PV iv (UCB). See Lamas (1979).
- Colias eurytheme* Boisd. 1852. ADJ (Rodríguez 1982), ii,v,viii,x,xi (CIB); Ameca viii (AME); BDH vi,viii,ix (López 1989); CHM (Rodríguez 1982); EBC viii (Beutelspacher 1982); GUA; Villa Corona, 1 mi E vii (AMNH).
- Zerene cesonia cesonia* (Stoll 1791). ADJ (Rodríguez 1982), viii-xi (CIB); AHU viii,x,xi (MZFC); Ameca (CIB, Vázquez 1952), vi,viii (AME); BDH viii,ix (López 1989); BES i,vii-x (IMCyP, Abud 1987,1988); LCU, 7 mi S (AMNH); CHM (Rodríguez 1982);



- EBC i–xii (Beutelspacher 1982), ix (Opler 1989); CHIS xii (ADW); ECET iii (MZFC); GUA ix (LACM), vii,viii (many); GUA, 10 mi SW viii (SDNHM); LCA i,ii,v,viii–x (MZFC); La Huerta, 7 mi E (AMNH); MIS iv (ADW); PLM ii,x (MZFC); PV ix (Comstock & Vázquez 1961); RT at Hwy 200 i (LACM); Tizapán viii (AME); ZEN ix (MZFC).
- Anteos clorinde nivifera*** (Frühstorfer 1907). ADJ (Rodríguez 1982), ix (CIB); AHU vi,viii,x,xi (MZFC); Autlán (AMNH); BDH i–iii,vi,viii (López 1989); BDT i,xii (ADW); BES i–vii,ix,x (IMCyP, Abud 1987,1988); CHM (Rodríguez 1982); EBC vii,viii (Beutelspacher 1982), ix (Opler 1989); CHIS xii (ADW); LCA vi,ix–xi; ECLC iv; ECLO iii (MZFC); MIS i,iv,xii (ADW), iv (LACM); Peñas (AMNH); PV iii,iv,xii (ADW); PV, 30 km S on Hwy 200 iv (LACM); Rfo San Pedro (AMNH); RT at Hwy 200 i (LACM); YEL xii (ADW); ZEN vi,ix,xi (MZFC).
- Anteos maerula lacordairei*** (Boisd. 1836). AHU x,xi (MZFC); BDH i–iii (López 1989); BDT i,xii (ADW); BES i,i–vi,ix,x (IMCyP, Abud 1987,1988); CHIS xii (ADW); ECET iii (MZFC); EBC vii (UCB), iii,viii,ix,x (Beutelspacher 1982), ix (Opler 1989); GUA (Vázquez 1951); LCA ii,vi,viii; ECLO ii (MZFC); MIS i,iv,xii (ADW); PLM viii (MZFC); PV viii (Comstock & Vázquez 1961), x (LACM); iii,iv (ADW); RT at Hwy 200 I; TEN xii (LACM).
- Phoebis agarithe agarithe*** (Boisd. 1836). ADJ (Rodríguez 1982), ii–xi (CIB); AHU iii,vi,x,xi (MZFC); Ameca viii (AME); Valle de Autlán (AMNH); BDH v–ix (López 1989); BDT i,xii (ADW); CHM (AMNH); EBC ii,xii (Beutelspacher 1982), ix (Opler 1989); CHP x (LACM); CHIS i,xii (ADW); Cihuatlán vi (AME); LCU (AMNH); Hwy 185, ca. 21 km N Hwy 190 viii (LACM); LCA viii,xi (MZFC); La Floresta, nr. AJI, LDC ix (UCB); La Huerta, 7 mi E (AMNH); Melaque, 8 km N xii (UCB); MIS i–iv,xii (ADW); Ocotlán iii,x (AME); PV ii (LACM), viii (Comstock & Vázquez 1961), xii (CAS), i,iii,iv,xii (ADW); PV, 22 km S, on Hwy 200 iii; PV, 53 km S, on Hwy 200 i; RT at Hwy 200 i (LACM); TEN (AMNH); YEL xii (ADW); ZEN viii (MZFC).
- Phoebis argante argante*** (Fabr. 1775). AHU v,vi,viii,xi (MZFC); BDN, nr. xii (LACM); BDT i,xii; CHI i; CHIS ii,xii (ADW); El Tuito, 5 km N xii (UCB); LCA v (MZFC); La Huerta, 7 mi E (AMNH); MIS i,ii,xii (ADW); MIS, 12 km S PV iv (LACM); PV vii (CAS), x (LACM); PV, 34 km S i; RT at Hwy 200 i; YEL viii (LACM); ZEN vii,ix (MZFC).
- Phoebis neocypris virgo*** (Butl. 1870). ADJ (Rodríguez 1982), v,x,xi (CIB); AHU v,vi,viii,x (MZFC); Ameca (Vázquez 1951); BDH v,vi,ix,xii (López 1989); BES ii,vi (IMCyP, Abud 1987,1988); El Durazno, 6 mi E iv (SDNHM); LCA ii,iv,vi,ix,xi (MZFC); LCA, 10 mi S LCU; LCU (AMNH); PLM iii,vi,viii (MZFC); Rfo San Pedro (AMNH).
- Phoebis philea philea*** (L. 1763). ADJ (Rodríguez 1982), vi,ix (CIB); AHU vi,viii,x (MZFC); BDN (AMNH); BDH ix (López 1989); BDT i,xii (ADW); BES v–x (IMCyP, Abud 1987,1988); CHM (Rodríguez 1982); EBC i–xii (Beutelspacher 1982), viii (UCB), ix (Opler 1989); CHIS xii (ADW); LCA v,viii–xi (MZFC); LCA, 10 mi S LCU (AMNH); Melaque, 8 km N xii (UCB); MIS i–iv,xii (ADW); MIS, 12 km S PV iv (LACM); PLM viii,x (MZFC); PV viii (Comstock & Vázquez 1961), iv,viii,xii (ADW); RT at Hwy. 200 i (LACM); TEN (AMNH); YEL viii (LACM), xii (ADW); ZEN viii,ix (MZFC).
- Phoebis sennae marcellina*** (Cr. 1777). ADJ (Rodríguez 1982), i,v–xi (CIB); AHU vi,x (MZFC); Ameca viii (AME); Autlán (AMNH); BDH v–ix (López 1989); BDT i,xii (ADW); BES vii–x (IMCyP, Abud 1987,1988); EBC i–xii (Beutelspacher 1982), vii (UCB), ix (Opler 1989); CHP (AMNH), x (LACM); CHIS i,xii (ADW); CHI, 2.5 km W, on Hwy 200 i (ADW); BHC (AMNH); Cuzalapa i (MZFC); LCA v,viii (MZFC); La Huerta, 7 mi E; La Venta (AMNH); MAG viii (AME); MIS i,iii,iv,xii (ADW), iv (LACM); Ocotlán viii,ix (AME); PLM viii (MZFC); PV ii,iv,vi,x,xii (LACM), viii (Comstock & Vázquez 1961), xii (CAS), i,iii,iv,xii (ADW); PV, 7 km S, on Hwy 200 iii; PV, 22 km S, on Hwy 200 iii,iv; PV, 30 km S, on Hwy 200 iv; PV, 60 km S, on Hwy 200 i (LACM) Rfo San Pedro (AMNH); RT at Hwy 200 i (LACM); TEN (AMNH); YEL ii,iv,viii (LACM), xii (ADW); ZEN v,viii,x,xi (MZFC).
- Rhabdodryas trite trite*** (L. 1758). BDT i,xii (ADW); LCA xi (MZFC); MIS iv,xii (ADW);

- PV, 30 km S, on Hwy 200 iii,iv; PV, 38 km S, on Hwy 200 iv (LACM); YEL xii (ADW).
- Aphrissa statira jada*** (Butl. 1870). BDN (AMNH); BDH vi,viii (López 1989); BDT i,xii (ADW); EBC vii (UCB); CHIS xii (ADW); LCA v,ix-xi (MZFC); MIS i,iv,xii (ADW); RT at Hwy 200 i (LACM); TEN (AMNH); YEL xii (ADW).
- Kricogonia lyside*** (Godart 1869). BDN; CHM (AMNH); EBC viii,x (Beutelspacher, 1982); TEN (AMNH).
- Abaeis nicippe*** (Cr. 1780). ADJ (Rodríguez 1982), viii (CIB); AHU iii (MZFC); Ameca ix (AME); BDH viii-xii (López 1989); BES vii,x (IMCyP, Abud 1987,1988); CHM (Rodríguez 1982); EBC ii,viii (Beutelspacher 1982); CHIS i,xii (ADW); BHC (AMNH); LCA, 10 mi S LCU (AMNH); PV iv (LACM), viii (Comstock & Vázquez 1961), i,xii (ADW); Río San Pedro (AMNH); ZEN vi-ix (MZFC).
- Pyrissitia dina westwoodi*** (Boisd. 1836). ADJ, 2 mi S (AMNH); AHU ii-vi,viii,x,xi (MZFC); Ameca ix (AME); BDH v-xii (López 1989); BDT i,xii (ADW); CHI, on Hwy 200 i; CHIS i,xii (ADW); GUA (USNM); LCA i,ii,iv,vii-ix,xi (MZFC); LCA, 10 mi S LCU; LCU, 7 mi S (AMNH); MIS i,iii,iv,xii (ADW); MIS, 12 km S PV iv,v (LACM); Pihuamo ix (SDNHM); PV viii (Comstock & Vázquez 1961), i,iii,xii (ADW); PV, 60 km S i (LACM); Río San Pedro (AMNH); RT at Hwy 200 i (LACM); ZEN v,vii-ix,xi (MZFC).
- Pyrissitia lisa centralis*** (Herr.-Sch. 1864). ADJ (Rodríguez 1982), i,iv-xii (CIB); Ameca ix (AME); BDH vii-ix (López 1989); BES vii,ix,x (IMCyP, Abud 1987,1988); CHM (Rodríguez 1982); EBC viii (Beutelspacher 1982); CHP x (LACM); BHC (AMNH); MIS i,xii (ADW); Puente Grande iv (COEE, Gibson & Carrillo 1959); PV viii (Comstock & Vázquez 1961), xii (CAS), iii,iv (ADW).
- Pyrissitia nise nelphe*** (R. Feld. 1869). ADJ (Rodríguez 1982), v-xii (CIB); ADJ, 2 mi S (AMNH); AHU ii,iii,vi,viii (MZFC); BDN (AMNH); BDH v,xi,xii (López 1989); BDT i,xii (ADW); CHM (Rodríguez 1982, AMNH); EBC i,iii (Beutelspacher 1982), x (UCB), ix (Opler 1989); LCA vi,viii-xi (MZFC); MIS i,iv,xii (ADW); ECPE iii; PLM iii (MZFC); PV ii (LACM), xii (CAS), iii,iv (ADW); Río San Pedro (AMNH); RT at Hwy 200 i (LACM); TEN (AMNH); Bahía de Tenacatita i (LACM); Valle de Autlán; Villa Corona, 1 mi E (AMNH); YEL ii (LACM); ZEN vii,viii,xi (MZFC).
- Pyrissitia proterpia proterpia*** (Fabr. 1775). ADJ (Rodríguez 1982), ix-xi (CIB); AHU v,vi,xi (MZFC); BDH iii-xi (López 1989); BDT xii (ADW); BES i-iv,ix-xi (IMCyP, Abud 1987,1988); CHM (Rodríguez 1982); EBC vii,ix,x,xii (Beutelspacher 1982), vii,x (UCB), ix (Opler 1989); CHP x (LACM); CHIS i,xii (ADW); BHC (AMNH); LCU, 7 mi S (AMNH); GUA, 10 mi S viii; GUA, 10 mi SW viii (SDNHM); LCA i-iii,ix-xi (MZFC); LCA, 10 mi S LCU; La Huerta, 7 mi E (AMNH); LDC vii (CAS); Mirador (AMNH); MIS iv,xii (ADW); PLM iii,viii (MZFC); PV ix (AME), viii (Comstock & Vázquez 1961), xii (CAS), iii,iv,xii (ADW); Tequila xii (DGSV, Hernández, Martínez & Rodríguez 1981); ZEN vii,ix (MZFC).
- Eurema albula celata*** (R. Feld. 1869). LCA, 10 mi S LCU (AMNH).
- Eurema boisduvaliana*** (C. Feld. & R. Feld. 1865). AHU v,vi; ECAL iii (MZFC); BDN (AMNH); BDH viii-xi (López 1989); BDT i,xii (ADW); CHM (AMNH); EBC i,vi,ix,x (Beutelspacher 1982), ix (Opler 1989); CHIS i,xii (ADW); El Tuito viii (LACM); LCA i,ii,vi,viii,ix,xi (MZFC); LCA, 10 mi S LCU; La Huerta, 7 mi E (AMNH); ECLO iii (MZFC); MIS i,iii,iv,xii (ADW); MIS, 12 km S PV iv (LACM); PV (De la Maza 1987), viii (Comstock & Vázquez 1961), i,iv,xii (ADW); PV, 22 km S, on Hwy 200 iii; RT at Hwy. 200 i; TEN i (LACM); YEL xii (ADW); ZEN vi,viii, x,xi (MZFC).
- Eurema दौरा*** (Godart 1819). ADJ (Rodríguez 1982), v-xii (CIB); ADJ, 2 mi S (AMNH); AHU ii, iii, v,vi,viii,xi (MZFC); AJI, nr. viii (CMNH); Valle de Autlán; BDN (AMNH); BDN, nr. xii (LACM); BDH i-xii (López 1989); BDT i,xii (ADW); BES i-xii (IMCyP, Abud 1987,1988); CHM (Rodríguez 1982); EBC x (UCB), i,ii,ix,xii (Beutelspacher 1982), ix (Opler 1989); CHP x (LACM); CHIS i,xii; CHI, 2.5 km W, on Hwy 200 i (ADW); El Chante, 13.7 mi S iv (SDNHM); GUA (AMNH), vii (CAS), viii (CMNH, UCB), xii (USNM); GUA, 28 mi N viii (UCB); GUA, 90 mi N viii (SDNHM); Hwy 200, 1-4.5 mi E km 175.5 i (ADW); LCA i,ii,v-ix,xi (MZFC); LCA, 10 mi S LCU (AMNH); ECLC iii (MZFC); LCU; La Huerta, 7 mi E (AMNH); ECLO iii (MZFC);

- La Resolana, 1 mi SW; La Venta (AMNH); LDC xii (LACM), vi (UCB), vii (CAS); MAG viii (AME); Melaque, 11 km N vii (UCB); Mirador (AMNH); MIS i-iv,xii (ADW); MIS, 12 km S PV iv (LACM); Ocotlán viii (CMNH); Plan de Barrancas (AMNH); ECPE iii (MZFC); PLM i,ii,iii,v,vi,x,xi (MZFC); PV ix (LACM), viii (Comstock & Vázquez 1961), x (USNM), xii (CAS); i,iii,iv,xii (ADW); PV, 21 km S, on Hwy 200 iii; PV, 22 km S, on Hwy 200 iii,iv; PV, 60 km S i; San Ysidro, GUA xii (LACM); TEN; Villa Corona, 1 mi E (AMNH); YEL xii (ADW); ZEN v,vi,vii,ix,xi (MZFC).
- Eurema mexicana mexicana** (Boisd. 1836). AHU vi,viii,xi; ECAL iii (MZFC); BDH vi,viii-xii (López 1989); BES viii,ix,x (IMCyP, Abud 1987,1988); CHP x (LACM); CHIS i,xii (ADW); ECET iii; LCA ii,ix,xi (MZFC); LCA, 10 mi S LCU (AMNH); ECLO iii (MZFC); LDC vii (CAS); PLM vi,viii,x,xi (MZFC); Sayula, 2 mi SE (AMNH); YEL xii (ADW).
- Eurema salome jamapa** (Reak. 1866). AHU viii,x,xi; ECAL iii (MZFC); Valle de Autlán (AMNH); BDN, nr. xii (LACM); BDH i,xii (López 1989); CHIS i (ADW); ECET iii; LCA viii,ix,xi; ECLC iv; EC xii (MZFC); Mazamitla x (SDNHM); PLM i-iii,vi,viii,x,xi (MZFC); PV xii (CAS); ZEN x (MZFC).
- Nathalis iole iole** Boisd. 1836. ADJ (Rodríguez 1982), ii-iv,vi,ix,x (CIB); ADJ, 2 mi S (AMNH); AHU iii,vi,viii (MZFC); BDH i,vii-xii (López 1989); BES i,vi,viii,x,xi (IMCyP, Abud 1987,1988); CHM (AMNH); CHP ii (AME); BHC (AMNH); GUA vi,vii (CAS); LCU; La Huerta, 7 mi E (AMNH); LDC vii (CAS); Mirador (AMNH); ECPE iii; PLM x (MZFC); PV viii (Comstock & Vázquez 1961); Sayula, 1 mi SW; Villa Corona, 1 mi E (AMNH).
- Hesperocharis costaricensis pasion** (Reak. [1867]). ADJ (Rodríguez 1982), i,vi,ix (CIB); AHU x,xi (MZFC); BDH i,ii (López 1989); BDT i,xii (ADW); ELT iii (MZFC); GUA iv (AMNH); LCA xi (MZFC); MIS i,iv,xii (ADW); PLM v (MZFC).
- Hesperocharis crocea jaliscana** (Schaus 1898). ADJ (Rodríguez 1982), ii,vi,xii (CIB); GUA (Godm. & Sal. 1878-1901, USNM), v (AMNH).
- Hesperocharis graphites avivolans** (Butl. 1865). ECAL iii (MZFC).
- Neophasia terlootii** Behr 1869. Volcán de Colima (De la Maza 1987).
- Catacticta flisa flisa** (Herr.-Sch. [1858]). LCA xi (MZFC); LCU (AMNH); ECLO iii; ECPE iii; PLM iii,vi,viii,x,xi (MZFC).
- Catacticta nimbice nimbice** (Boisd. 1836). ADJ (Rodríguez 1982), i-iii,xii (CIB); ECAL iii (MZFC); BDH iii (López 1989); BES i (IMCyP, Abud 1987,1988); CHM (Rodríguez 1982); CHP x (LACM); LCA xi; ECLO iii; EC iv (MZFC); Los Reyes iii (AMNH); Ocotlán v (CAS); ECPE iii; PLM iii,xi (MZFC).
- Catacticta teutila teutila** (Doubleday 1847). Arandas iv (COEE, Gibson & Carrillo 1959).
- Pereute charops leonilae** Llorente 1986. AHU x,xi (MZFC); El Chante, 11.6 mi S iv (SDNHM); LCA xi; ECLC iv; ECLO iii; PLM viii,x,xi (MZFC).
- Melete lycimnia isandra** (Boisd. 1836). AHU xi (MZFC); BDT i,xii (ADW); EBC ix (Beutelspacher 1982); LCA xi (MZFC); MIS i,iv,xii (ADW), x (USNM); PV (De la Maza 1987); PV, 60 km S i; RT at Hwy 200 i (LACM); TEN (AMNH); Tomilita ii (AME); ZEN vi,vi,ii (MZFC).
- Glutophrissa drusilla** aff. *tenuis* Lamas 1981. AHU x (MZFC); BDN xi, xii (AMNH); BDN, nr. xii (LACM); BDH xi (López 1989); BDT i,xii (ADW); EBC vii,xi (UCB), viii,ix,x (Beutelspacher 1982); CHIS xii (ADW); BHC (AMNH); ELT iii (MZFC); LCA iv,vi,viii,ix,xi (MZFC); MIS i,iv,xii (ADW); PLM iii,xi (MZFC); PV viii (Comstock & Vázquez 1961), iii,xii (ADW); PV, 21 km S, on Hwy 200 iii; PV, 22 km S, on Hwy 200 iv; PV, 38 km S iv; PV, 60 km S i; Río San Nico iv; RT at Hwy 200 i (LACM); TEN (AMNH); YEL xii (ADW).
- Pieris rapae rapae** (L. 1758). ADJ (Rodríguez 1982), v,x,xi (CIB); Ameca viii (AME); BDH i-xii (López 1989); Estipac (De la Maza 1987); GUA iv (AMNH).
- Pontia protodice** (Boisd. & LeC. 1829). ADJ (Rodríguez 1982), ii-vii,xii (CIB); AHU iii (MZFC); BDH x-xii (López 1989); BES vi (IMCyP, Abud 1987,1988); CHM (Rodríguez 1982); EBC viii (Beutelspacher 1982), vii (UCB).
- Leptophobia aripa elodia** (Boisd. 1836). ADJ (Rodríguez 1982), i,iii,vii (CIB); BDH i-xii (López 1989); BES i,x (IMCyP, Abud 1987,1988); CHP x (LACM); GUA vii (CAS),



viii (LACM, USNM), x (LACM), xii (AMNH); LCA ix-xi (MZFC); LDC xii (LACM); LDC, La Floresta ix (UCB); Lagos iv (COEE, Gibson & Carrillo 1959); Mazamitla x (SDNHM); ECPE iii; PLM x,xi (MZFC).

***Pieriballia viardi laogore*** (Godm. & Sal. 1889). BDT xii (ADW); EBC iii,x,xii (Beutelspacher 1982), xii (UCB); CHIS i,xii (ADW); ELT iii (MZFC); LCA ii-iv,viii,ix,xi (MZFC); MIS i,xii (ADW); MIS, 12 km S PV iv (LACM); PLM iii,vi,viii,xi (MZFC); PV (De la Maza 1987), xii (CAS); RT at Hwy. 200 i (LACM); TEN iii,iv,xi,xii (AMNH); Bahía de TEN i (LACM); YEL xii (ADW).

***Ascia monuste monuste*** (L. 1764). ADJ (Rodríguez 1982), i,v,vii-xi (CIB); AHU iii,iv,vi,viii,xi (MZFC); Autlán vii (AMNH); BDN ix (USNM); BDH ix-xi (López 1989); BDT i,xii (ADW); CHM (Rodríguez 1982); EBC vii,viii (UCB), i-xii (Beutelspacher 1982), ix (Opler 1989); CHIS xii (ADW); BHC (AMNH); GUA viii (USNM); LCA v,viii,ix,xi (MZFC); LCA, 10 mi S LCU (AMNH); Melaque, 8 km N xii (UCB); MIS i,iii,iv,xii (ADW); MIS, 12 km S PV iv (LACM); PLM v,xi (MZFC); PV vii,xii (CAS), viii (Comstock & Vázquez 1961, LACM), i,iii,iv,xii (ADW); PV, 7 km S, on Hwy 200 iii; RT at Hwy 200 i (LACM); YEL xii (ADW); ZEN vi, vii (MZFC).

{***Ganyra howarthi*** (Dixey 1915)}. JAL (Beutelspacher 1986). This record is very questionable, for the nearest reliable records for this species are from near Los Mochis, Sinaloa. See Bailowitz (1988).

***Ganyra josephina josepha*** (Salvin & Godman 1868). AHU xi (MZFC); BDN xi (AMNH); BDT i,xii; CHIS xii (ADW); Bahía de CHM iii,xii (AMNH); EBC i-xii (Beutelspacher 1982), vii,x,xii (UCB), ix (Opler 1989); LCA viii,ix,xi (MZFC); Melaque, 5 km N xii; Melaque, 8 km N xii (UCB); MIS i,iii,iv,xii (ADW); PLM viii,xi (MZFC); PV viii (Comstock & Vázquez 1961), i-iv,xii (ADW); PV, 21 km S, on Hwy 200 iii; RT at Hwy. 200 i (LACM); TEN xi (AMNH); YEL xii (ADW).

#### NYMPHALIDAE (158 SPECIES)

***Dione juno huascuma*** (Reak. 1866). ADJ (Rodríguez 1982), viii (CIB); AHU xi (MZFC); BDH xii (López 1989); BDT i,xii (ADW); EBC xi (UCB), ix (Opler 1989); CHIS xii (ADW); ELT iii (MZFC); MIS i,iii,iv,xii (ADW); PLM ix (MZFC); PV (De la Maza 1987), xii (CAS), iii,iv (ADW); PV, 60 km S i (LACM).

***Dione moneta poeyii*** Butl. 1873. ADJ (Rodríguez 1982), v,vi,viii-xi (CIB); AHU ii, xi (MZFC); BDH x-xii (López 1989); BES i,v,x,xi (IMCyP, Abud 1987,1988); CHP x (LACM); CHIS xii (ADW); LCA xi (MZFC); MIS xii (ADW); Ocotlán x (USNM); Parque Volcán de Fuego, 10.8 mi N iv (SDNHM); PLM i,iii,viii-xi (MZFC); RT at Hwy 200 i (LACM).

***Agraulis vanillae incarnata*** (Riley 1926). ADJ (Rodríguez 1982), iii (CIB); AHU ii,xi (MZFC); BDH iv,ix (López 1989); BDT xii (ADW); BES ix (IMCyP, Abud 1987,1988); CHM (Rodríguez 1982); EBC (Beutelspacher 1982), vii (UCB); CHIS xii (ADW); LCA ii,viii (MZFC); MIS i,iii,iv,xii (ADW); PV (De la Maza 1987), viii (Comstock & Vázquez 1961), iii,iv,xii (ADW); RT at Hwy 200 i (LACM); ZEN ix (MZFC).

***Dryas julia moderata*** (Riley 1926). AHU vi,viii,ix (MZFC); BDH x-xii (López 1989); BDT i,xii (ADW); EBC xii-iii (Beutelspacher 1982), vii (UCB); CHIS i,xii (ADW); LCA i,ix,xi (MZFC); Melaque, 5 km N xii (UCB); MIS i-iv,xii (ADW); MIS, 12 km S PV iv (LACM); PV (De la Maza 1987), viii (Comstock & Vázquez 1961), xii (CAS), i-iv,xii (ADW); PV, 22 km S, on Hwy 200 iv; PV, 60 km S i; RT at Hwy 200 i (LACM); YEL ii,iv (LACM), xii (ADW); ZEN xi (MZFC).

***Heliconius charithonia vazquezae*** Comstock & Brown 1950. ADJ (Rodríguez 1982), iv,v (CIB); AHU v,vi,viii,ix,xi (MZFC); BDN, nr. xii (LACM); BDH i,vi,ix-xii (López 1989); BDT i,xii (ADW); BES x,xi (IMCyP, Abud 1987,1988); CHM (Rodríguez 1982); EBC i-xii (Beutelspacher 1982), vii,xi (UCB), ix (Opler 1989); CHP x (LACM); CHI, on Hwy 200 i; CHIS i,xii (ADW); El Durazon, 6 mi E iv (SDNHM); El Tuito viii (LACM); GUA (De la Maza 1987); LCA i,ii,iv,vi,viii,ix,xi (MZFC); Melaque, 5 km N xii; Melaque, 8 km N xii (UCB); MIS i-iv,xii (ADW), x (USNM); MIS, 12 km S PV iv (LACM); ECPE III; PLM iii,viii,ix (MZFC); PV ii,x (LACM), viii

- (Comstock & Vázquez 1961), xii (CAS), i–iv,xii (ADW); PV, 7 km S, Hwy 200 iii (LACM); PV, 38.8 mi S vii (SDNHM); PV, 39 km S, on Hwy 200 i; PV, 60 km S i; RT at Hwy 200 i (LACM); YEL iv,viii (LACM), xii (ADW); ZEN ix (MZFC).
- Heliconius erato punctata*** Beutelspacher 1992. BDN, nr. xii (LACM); BDH xii (López 1989); BDT i,xii; CHIS i,xii (ADW); MIS (Beutelspacher 1992), i–iv,xii (ADW); MIS, 12 km S PV iv; PV (Beutelspacher 1992), x (LACM), xii (CAS), i–iv,xii (ADW); PV, 12 km S, on Hwy. 200 i,iv,v,xii; RT at Hwy. 200 i; YEL viii (LACM).
- Heliconius hortense*** Guérin [1844]. AHU xi; ELT iii; ECET iii; LCA xi; ECPE iii; PLM i,iii,v,vi,viii–xi (MZFC).
- Heliconius ismenius telchinia*** Doubleday 1847. MIS, 12 km S PV iv (LACM).
- Euptoieta claudia daunius*** (Herbst 1798). BDH viii (López 1989); PV viii (Comstock & Vázquez 1961).
- Euptoieta hegesia hoffmanni*** Comstock 1944. ADJ (Rodríguez 1982), v,vi,ix–xii (CIB); AHU iii,vi,viii–x (MZFC); BDN, nr. xii (LACM); BDH iv–x (López 1989); BDT i,xii (ADW); BOL (Godm. & Sal. 1878–1901); BES i,iii–xii (IMCyP, Abud 1987,1988); CHM (Rodríguez 1982); EBC vii–xii (Beutelspacher 1982), vii,x (UCB), ix (Opler 1989); CHP x (LACM); CHIS i,xii (ADW); El Tuito, 5 km N xii (UCB); Hwy 200, 1–4.5 km W km 175.5 i (ADW); LCA ii,iii,v,viii,ix (MZFC); Melaque vii (UCB); MIS i–iv,xii (ADW), x (USNM); MIS, 12 km S PV iv,v (LACM); PLM viii,ix,x,xi (MZFC); PV ii,iv,viii,x (LACM), viii (Comstock & Vázquez 1961), xii (CAS), i,iii,iv,xii (ADW); PV, 5.2 km S, on Hwy 200 i; PV, 7 km S, on Hwy 200 iii; PV, 60 km S i; RT at Hwy 200 i (LACM); Tizapán, 30 mi W vi (CAS); YEL iv (LACM), xii (ADW); ZEN vi,vi,ix,xi (MZFC).
- Vanessa atalanta rubria*** (Frühstorfer 1909). ZEN vii (MZFC).
- Cynthia annabella*** (Field 1971). BDH viii–xi (López 1989).
- Cynthia cardui*** (L. 1758). BOL (Godm. & Sal. 1878–1901); PLM vi,xi; ZEN vii (MZFC).
- Cynthia virginiana*** (Drury 1773). ADJ (Rodríguez 1982), ix–xi (CIB); BES i,v,ix–xii (IMCyP, Abud 1987,1988); GUA vii (CAS); PLM vi,viii–x (MZFC).
- Polygonia g-argenteum*** (Doubleday 1848). LCA ix (MZFC).
- Nymphalis antiopa antiopa*** (L. 1758). ADJ (Rodríguez 1982), xi (CIB); AHU x (MZFC); BDH viii (López 1989); BES i,v,x (IMCyP, Abud 1987,1988).
- Hypanartia godmani*** (Bates 1864). PLM x (MZFC).
- Hypanartia lethe*** (Fabr. 1793). CHP (AMNH).
- Anartia amathea fatima*** Fabr. 1773. ADJ (Rodríguez 1982), i,iv,vi–xi (CIB); AHU ii,iii,v,vi,viii,xi (MZFC); Valle de Autlán; BDN (AMNH); BDH ix–xi (López 1989); BDT i,xii (ADW); CHM (Rodríguez 1982); EBC i–xii (Beutelspacher 1982), vii,xi (UCB), ix (Opler 1989); CHIS i,xii (ADW); LCA (AMNH), i,ii,viii,ix,xi (MZFC); MIS i,iii,iv,xii (ADW); MIS, 12 km S PV iv (LACM); PV viii (Comstock & Vázquez 1961), ii,iv,vii–x (LACM), xii (CAS) i,iii,iv,xii (ADW); PV, 7 km S, on Hwy 200 iii; PV, 12 km S, on Hwy 200 iv; PV, 22 km S, on Hwy 200 iii; PV, 53 km S, on Hwy 200 i; PV, 60 km S i; RT at Hwy 200 i (LACM); TEN (AMNH); YEL ii,v,viii (LACM); ZEN v,vi,ix,xi (MZFC).
- Anartia jatrophae luteipicta*** Frühstorfer 1907. ADJ (Rodríguez 1982), i,x (CIB); ADJ, 2 mi S (AMNH); AHU iii (MZFC); BDN (AMNH); BDH ix–xii (López 1989); BDT xii (ADW); BES i,v,viii–xi (IMCyP, Abud 1987,1988); CHM (Rodríguez 1982); EBC i–xii (Beutelspacher 1982) vii (UCB); CHP x (LACM); CHIS i,xii (ADW); El Tuito vii (LACM); GUA, 9 mi N viii (SDNHM); LCA viii (MZFC); La Huerta, 7 mi E (AMNH); Melaque, 11 km N vii (UCB); MIS i,xii (ADW); PV (De la Maza 1987), viii (Comstock & Vázquez 1961), viii,ix,x (LACM), xii (CAS), ix,xii (ADW); TEN; Villa Corona, 1 mi E (AMNH); ZEN v–viii,xi (MZFC).
- Siproeta epaphus epaphus*** (Latr. [1813]). AHU ix,xi (MZFC); BDN, nr. xii (LACM); BDH xii (López 1989); BDT i,xii (ADW); EBC i,vi–xii (Beutelspacher 1982); CHIS i,xii (ADW); LCA ii,ix,xi (MZFC); MIS i,iii,iv,xii (ADW); PLM x (MZFC); PV (De la Maza 1987), i,iii,iv,xii (ADW); RT at Hwy 200 i (LACM).
- Siproeta stelenes biplagiata*** (Frühstorfer 1907). AHU iii,v,vi,viii,ix,xi (MZFC); BDH xii (López 1989); BDT xii; CHIS xii; CHI, 2.5 km W, on Hwy 200 i (ADW); EBC i,vi,xii (Beutelspacher 1982), vii,xi (UCB); BHC (AMNH); LCA i,ii,v,vi,vii–xi (MZFC); La



- Huerta, 7 mi E (AMNH); Melaque, 11 km N vii; Melaque, 8 km N xii (UCB); MIS xii (ADW); MIS, 12 km S PV iv,v (LACM); PLM ix (MZFC); PV i,iii,v,ix (LACM), viii (Comstock & Vázquez 1961), xii (ADW); RT at Hwy 200 i (LACM); TEN (AMNH); ZEN viii,ix,xi (MZFC).
- Junonia coenia*** Hübner [1822]. ADJ (Rodríguez 1982), vii (CIB); AHU ii,iii,viii,xi (MZFC); BDH xii (López 1989); BOL (Godm. & Sal. 1879–1901); BES i,iii,iv,viii–xii (IMCyP, Abud 1987,1988); CHM (Rodríguez 1982); EBC i,xii (Beutelspacher 1982); LCA i,ii,v,vi,viii,xi (MZFC); ECLO iii; PLM iii (MZFC); ZEN vi (ADW).
- Junonia genoveva nigrosuffusa*** B. & McD. 1916. ADJ (Rodríguez 1982), x (CIB); BDN, nr. xii (LACM); BDT i,xii; CHIS i,xii; Hwy 200, 1 km E km 175.5 i (ADW); MAG, 4 mi W x (UCB); MIS xii (ADW); PV ii,viii,ix, (LACM), viii (Comstock & Vázquez 1961), xii (CAS), iv (ADW); PV, 21 km S, on Hwy 200 iii; PV, 30 km S, on Hwy 200 iv; RT at Hwy 200 i (LACM); Río Verde, 17 mi S Yahualica, Hwy 116 ix; San José del Tajo ix (SDNHM); ZEN vi (ADW). Typical dark *nigrosuffusa* inhabits the higher elevations in western Mexico, while a pale subspecies of *genoveva* occurs along the coast from at least Sinaloa to northern Jalisco. Intergrades have been taken at intermediate elevations in Sinaloa and Jalisco (Puerto Vallarta, and 1 km E km 175.5 of Hwy 200, in Jalisco).
- Chlosyne definita anastasia*** (Hemming 1934). ADJ (Rodríguez 1982), ii,v (CIB).
- Chlosyne endeis endeis*** (Godm. & Sal. 1894). Sayula, 1 mi SW vii,viii (AMNH).
- Chlosyne gloriosa*** Bauer 1960. BDN, nr. xii (LACM); Barra de Tomatlán (De la Maza 1987); BDH i,ix–xii (López 1989); BDT i,xii; CHIS xii (ADW); EBC viii,x (Beutelspacher 1982); MIS (De la Maza 1987), i,iii,iv,xii (ADW); PV (De la Maza 1987); PV, 17 mi N vii (SDNHM); PV, 34 km S i (LACM); RT at Hwy 200 i (LACM); TEN (Bauer 1960), xi,xii (AMNH).
- Chlosyne hippodrome hippodrome*** (Geyer 1837). AHU v,viii,ix,x,xi (MZFC); BDH i (López 1989); BDT xii (ADW); LCA (AMNH), i,ii,viii–xi (MZFC); LCU, 7 mi S (AMNH); MIS i,iii,iv,xii (ADW), x (USNM); Pihuamo ix (SDNHM); PLM ix,x (MZFC); Río San Pedro (AMNH); ZEN viii,ix,xi (MZFC).
- Chlosyne lacinia crocale*** (Edw. 1874). ADJ (Rodríguez 1982), ii,vi–xi (CIB); AHU x,xi (MZFC); BDH viii (López 1989); BES x (IMCyP, Abud,1987,1988); CHM (Rodríguez 1982); EBC x (Beutelspacher 1982), ix (Opler 1989); CHIS xii (ADW); GUA (Higgins 1960, USNM), viii,x,xi (LACM); LCA ix–xi (MZFC); LDC (Bauer, 1960); Ocotlán viii (CMNH); PLM x (MZFC); PV viii (LACM), i,xi (ADW); Río Verde, 17 mi S Yahualica, Hwy 116 ix (SDNHM); Tlaquepaque ix (USNM); ZEN viii,xi (MZFC).
- Chlosyne marianna*** Röbert [1914]. TEN (AMNH).
- Chlosyne marina dryope*** (Godm. & Sal. 1894). AHU x,xi (MZFC); Autlán, 20 mi SW vii (SDNHM); Barra de Tomatlán (De la Maza 1987); EBC x (Beutelspacher 1982); ELT vii (MZFC); GUA ix (Higgins 1960); LCA (AMNH), vii–ix,xi (MZFC); LCU, 7 mi S (AMNH); Puerto de Mazos, 9 mi SW Autlán x (CAS); PLM x,xi (MZFC); Río San Pedro (AMNH); YEL viii (LACM); ZEN viii (MZFC).
- Chlosyne mazarum*** Miller & Rotger 1979. Barra de Tomatlán; MIS (De la Maza 1987).
- Chlosyne riobalsensis*** Bauer 1961. Valle de Autlán vii,viii (AMNH); Barra de Tomatlán (De la Maza 1987); BDH x (López 1989); EBC vii (Beutelspacher 1982); MIS (De la Maza 1987); Río San Pedro vii,viii; Sayula, 1 mi SW vii,viii; TEN xi (AMNH).
- Chlosyne rosita montana*** (Hall 1924). GUA (USNM); Río San Pedro vii,viii (AMNH).
- Anemeca ehrenbergii*** (Geyer [1833]). ADJ (Rodríguez 1982), i–x (CIB); BDH x (López 1989); BOL (Godm. & Sal. 1878–1901); BES vii–ix,xi (IMCyP, Abud 1987,1988); CHP x (LACM); GUA (De la Maza 1987), iii,viii (USNM); LDC (Godm. & Sal. 1878–1901); Lagos ix (COEE, Gibson & Carrillo 1959), xi (DGSV, Hernández, Martínez & Rodríguez 1981); Ocotlán iv,x,xi (USNM); PLM viii, x (MZFC).
- Thessalia cyneas cyneas*** (Godm. & Sal. 1878). GUA (Higgins 1960).
- Thessalia theona*** ssp. AHU viii,xi (MZFC); BDN ii (Austin & Smith in litt.); BDT i,xii (ADW); BES xi (IMCyP, Abud 1987,1988); CHIS xii (ADW); EBC ii,vi,viii,x (Beutelspacher 1982), ix (Opler 1989); Hwy 200, 4.5 km W km 175.5 i (ADW); LCA ii,viii,xi (MZFC); LDC (Godm. & Sal. 1878–1901); MIS i,xii (ADW); PLM xi

- (MZFC); PV vii,ix,xii (ADW), vii (LACM), viii (Comstock & Vázquez 1961); PV, 38.8 mi S vii (SDNHM); YEL viii (LACM); ZEN viii (MZFC).
- Texola anomalus anomalus** (Godm. & Sal. 1897). CHP (De la Maza 1987); LCA viii,ix,xi; ZEN vi,vi,xi (MZFC).
- Texola elada elada** (Hewit. 1868). ADJ, 2 mi S vii (AMNH); AHU ii,iii,v,viii-xi (MZFC); Valle de Atlán (AMNH); BDH vii-ix (López 1989); BES vii,viii,x,xi (IMCYP, Abud 1987,1988); CHP x (LACM); CHP Sur (AMNH); GUA (USNM); GUA, 8 mi N viii (UCB); GUA, 90 mi N viii (SDNHM); LCA (AMNH), i,ii,v,vii-ix,xi (MZFC); LCU, 7 mi S (AMNH); ECLC iii (MZFC); La Venta (AMNH); LDC (Godm. & Sal. 1878-1901, Higgins 1960), vii (SDNHM); Mirador vii (AMNH); Pte. Barranquitas, 14 mi NW MAG x (UCB); Tecolotlán, 5.5 mi NE vii (SDNHM); Tizapán, 30 mi W vi (CAS); Tlaquepaque x (CUIC); ZEN v-ix,xi (MZFC).
- Microtia elva elva** Bates 1864. AHU ii,ix,x (MZFC); Valle de Atlán; BHC (AMNH); BDH vi-ix (López 1989); BDT xii (ADW); CHM (AMNH); EBC iii,viii,x (Beutelspacher 1982), vii (UCB), ix (Opler 1989); CHIS xii (ADW); ELT iii (MZFC); GUA ix (LACM); LCA (AMNH), ii,v,viii-xi (MZFC); MIS i,xii (ADW); Pte. Barranquillas, 14 mi NW MAG x (UCB); PLM viii,ix (MZFC); PV ii,vi,x (LACM), iii,xii (ADW); PV, 12 km S, on Hwy 200 iv (LACM); PV, 17 mi N vii; PV, 21.7 mi S vii; PV, 38.8 mi S vii (SDNHM); YEL ii,viii (LACM), xii (ADW); ZEN vi-xi (MZFC).
- Phyciodes mylitta thebais** Godm. & Sal. 1878. Sayula, 2 mi SW vii,viii (AMNH).
- Phyciodes pallescens** (R. Feld. 1869). AHU iii (MZFC), vi (ADW); Valle de Atlán vii,viii (AMNH); BES i,ii,xi (IMCYP, Abud 1987,1988); CHM (Balcázar 1988); EBC iii,viii,x (Beutelspacher 1982); CHIS xii (ADW); GUA (Higgins 1981, USNM); LDC (Godm. & Sal. 1878-1901); MIS i,xii (ADW); Ocotlán viii (CMNH); PV xii (ADW); Villa Corona, 1 mi E vii,viii (AMNH); ZEN v (MZFC).
- Phyciodes tharos distinctus** Bauer 1975. ADJ, 2 mi S vii,viii (AMNH); BDH i,ix,xii (López 1989); Sayula, 2 mi SW vii,viii (AMNH); Tlaquepaque x (CUIC); Villa Corona, 1 mi E vii (AMNH).
- Phyciodes vesta vesta** (Edw. 1869). ADJ (Rodríguez 1982), vi-x,xii (CIB); AHU viii (MZFC); BOL (Godm. & Sal. 1878-1901); ECET iii; LCA v,viii (MZFC); LCA, 10 mi S LCU; LCU, 7 mi S (AMNH); ECLC, iii; ZEN viii (MZFC).
- Anthanassa alexon alexon** (Godm. & Sal. 1889). Arroyo Tlacuache, Camino Coamil v; Camino Cofradía-Cuzalapa viii; Cuzalapa; AHU ii-vi,viii,x,xi (MZFC); LCA (AMNH), i,ii,viii-xi (MZFC); LCU, 7 mi S (AMNH); ECLC iii (MZFC); MIS xii (ADW); ECPE iii; PLM ii,v,x,xi; ZEN viii (MZFC).
- Anthanassa ardy's ardy's** (Hewit. 1864). AHU iii,v,viii,x,xi (MZFC); BDT i, xii (ADW); Camino Coamil x; Cuatro Caminos v; Cuzalapa i,viii (MZFC); CHIS i,xii (ADW); El Terrero-El Sauz viii; ECET iv,v,xii (MZFC); LCA (AMNH), i,ii,iv,vi,viii-xi (MZFC); ECLC iii (MZFC); LCU (AMNH); LCU, 7 km S (AMNH); EC xii (MZFC); MIS i,iii,iv,xii (ADW); PLM i,ii,iii,v,vi,viii,x,xi (MZFC); PV, 39 km S, on Hwy 200 i (LACM); ECPE III; ZEN vii,viii,xi (MZFC).
- Anthanassa argentea** (Godm. & Sal. 1882). LCA, 10 mi S LCU vii,viii (AMNH).
- Anthanassa drusilla lelex** (Bates 1864). GUA (USNM); LCA i,ii (MZFC); PV viii (Comstock & Vázquez 1961).
- Anthanassa frisia tulsis** (Bates 1864). AHU ii,iii,v,vi,viii-x (MZFC); BDN xii (LACM); BDT i,xii (ADW); Bahía de CHM xii (AMNH); EBC ii-x (Beutelspacher 1982), ix (Opler 1989); CHIS i,xii (ADW); GUA (USNM); LCA i-iii,v,viii-x (MZFC); MIS i,iii,iv,xii (ADW); PV ii (LACM), viii (Comstock & Vázquez 1961), i,iii,iv,xii (ADW); PV, 17 mi N vii (SDNHM); PV, 53 km S, on Hwy 200 i; PV, 60 km S i; RT at Hwy 200 i (LACM); TEN iv,xii (AMNH); YEL ii,viii (LACM), xii (ADW); ZEN vii,xi (MZFC).
- Anthanassa otanes otanes** (Hewit. 1864). LCA iv,viii,x,xi; PLM v,x (MZFC).
- Anthanassa ptoleyca amator** (Hall 1929). Cuzalapa i; AHU ii,iii,v,x,xi; LCA i,ii,vii-ix,xi; ECLC iii; ECLC iii; EC xii; ECPE iii; PLM ii,iii,x,xi; ZEN viii,xi (MZFC).
- Anthanassa sitalces cortes** (Hall 1917). El Floripondio, km 80 El Grullo-Ciudad Guzmán v; AHU x,xi; ECAL iii; LCA i,iv,viii,ix,xi; ECLC iii; EC xii; ECPE iii; PLM i,v,viii,x,xi; ZEN viii (MZFC).

- Anthanassa texana texana*** (Edw. 1863). ADJ (Rodríguez 1982), i–v,vii–X (CIB); AHU i,iv (MZFC); BDH i–xii (López 1989); BES i,vi,vii,x (IMCyP, Abud 1987,1988); LCU (AMNH); Jaramillo viii (MZFC); LCA (AMNH); LDC (Godm. & Sal. 1878–1901); Acoatlán viii (CMNH); Río Verde, 17 mi S Yahualica, Hwy 116 ix (SDNHM); Tequila xii (DGSV, Hernández, Martínez & Rodríguez 1981).
- Castilia griseobasalis*** (Röbert 1914). BDN, nr. xii (LACM); BDT i,xii; CHIS xii (ADW); LCA viii (MZFC); MIS i,iii,iv,xii (ADW); PV (De la Maza 1987); RT at Hwy 200 i (LACM).
- Historis odius odius*** (Fabr. 1775). AHU x; PLM vi (MZFC, ADW); PV x (Comstock & Vázquez 1961).
- Historis acheronta cadmus*** (Cr. [1775]). EBC ix (Opler 1989).
- Smyrna blomfieldia datis*** Frühstorfer 1908. ADJ (Rodríguez 1982), ix,x (CIB); AHU ii,iii,vi,viii–xi; ECAL iii (MZFC); BDH viii,ix (López 1989); BES vi,viii,ix,x (IMCyP, Abud 1987,1988); CHM (Rodríguez 1982); EBC iii,vii–xii (Beutelspacher 1982), ix (Opler 1989); El Durazno, 2.3 mi E vi (SDNHM); LCA i,ii,vi,viii,ix,xi (MZFC); MIS iii,iv,xii (ADW); PLM v,vi,viii,ix (MZFC); PV (De la Maza 1987), x (Comstock & Vázquez 1961); ZEN vi,ix (MZFC).
- Smyrna karwinskii*** Geyer [1833]. AHU x; ECAL iii; ECLC iii,iv; ECPE iii; PLM vi,ix; ZEN vii (MZFC).
- Colobura dirce dirce*** (L. 1758). AHU viii (MZFC); BDH xii (López 1989); ELT iii (MZFC); EBC xii (Beutelspacher 1982); LCA i,iii,vi,viii–xi (MZFC); MIS i,iii,iv, xii (ADW); PV (De la Maza 1987), xii (ADW); RT at Hwy 200 i (LACM); YEL xii (ADW).
- Biblis hyperia aganisa*** Boisdu. 1836. AHU iii,viii (MZFC); BDT xii (ADW); EBC i–iii,x–xii (Beutelspacher 1982), vii (UCB); CHIS xii (ADW); ELT iii (MZFC); LCA i–iii,v,viii,xi (MZFC); MIS, 12 km S PV iv (LACM); PLM x (MZFC); PV (De la Maza 1987), xii (CAS); PV, 30 km S, on Hwy 200 iv (LACM); ZEN viii,ix,xi (MZFC).
- Mestra dorcas amymone*** (Mén. 1857). AHU iii,vi,viii (MZFC); BES ii (IMCyP, Abud 1987,1988); EBC i,iii,viii,x (Beutelspacher 1982), vii (UCB); BHC (AMNH); LCA viii,xi (MZFC); LCU, 7 mi S (AMNH); Mirador (AMNH); ZEN viii,xi (MZFC).
- Myscelia cyananthe cyananthe*** C. Feld. & R. Feld. 1867. CHM (De la Maza 1989, De la Maza & Turrent 1985); EBC i–xii (Beutelspacher 1982), vii (UCB), ix (Opler 1989); CHIS xii (ADW); LCA iii,vi,xi (MZFC); MIS i (ADW); TEN (Jenkins 1984).
- Myscelia cyaniris alvaradia*** R. G. Maza & Díaz 1982. EBC vi–xii (Beutelspacher 1982); CHIS xii (ADW); PV (De la Maza 1987, De la Maza & Turrent 1985).
- Myscelia ethusa ethusa*** (Doyère [1840]). EBC i,iii,viii (Beutelspacher 1982), ix (Opler 1989); MIS iv,xii; YEL xii (ADW).
- Catonephele cortesi*** R. G. Maza 1982. MIS, 12 km S PV iv (LACM); PV (De la Maza 1987). See Jenkins (1985).
- Eunica monima monima*** (Cr. 1782). BDT xii (ADW); EBC vii (Beutelspacher 1982); CHIS xii (ADW); ELT iii (MZFC); El Tuito, 5 km N vii (UCB); LCA v,vi,viii,ix,xi (MZFC); LCA, 10 mi S LCU (AMNH); MIS i,xii (ADW); PV iv (UCB); RT at Hwy 200 i; YEL viii (LACM).
- Eunica tatila tatila*** (Herr.-Sch. [1855]). AHU viii,xi (MZFC).
- Hamadryas amphinome mazai*** Jenkins 1983. ADJ (Rodríguez 1982), ix,x (CIB); AHU vi,viii,x (MZFC); BDH ix,viii (López 1989); EBC vii (UCB), ix (Opler 1989); LCU (Jenkins 1983); LCA i,iii,vi,viii–xi (MZFC); MIS xii (ADW); ZEN vi,vii (MZFC).
- Hamadryas atlantis lelaps*** Godm. & Sal. 1883. AHU iii,vi,viii–xi (MZFC); Autlán (Jenkins 1983); BDH iv–ix (López 1989); BES x (IMCyP, Abud 1987,1988); EBC vii,x (Beutelspacher 1982); CHP (Jenkins 1983), x (LACM); Cocula (Jenkins,1983); ELT iii (MZFC); GUA (many); GUA, 21 mi N viii (CAS); LCA i–vi,viii,ix,xi (MZFC); MAG x (COEE, Gibson & Carrillo 1959); Tonalá (De la Maza 1987); ZEN vii,viii (MZFC).
- Hamadryas februa ferentina*** (Godart [1824]). ADJ (Rodríguez 1982), ix–xi (CIB); AHU iv–vi,viii,ix,x,xi (MZFC); BDH iv–xii (López 1989); BDT xii (ADW); BES xi (IMCyP, Abud 1987,1988); CHM (many); EBC i–iii,vii–xii (Beutelspacher 1982), vii (UCB), ix (Opler 1989); ELT iii (MZFC); GUA (Jenkins 1983, USNM); LCA ii,iii,vi,viii–xi



- (MZFC); MIS i,xii (ADW); Ocotlán (Jenkins 1983); PLM v,vi,ix,xi (MZFC); PV viii (Comstock & Vázquez 1961); RT at Hwy 200 i (LACM); ZEN vi,vi,ix,xi (MZFC).
- Hamadryas feronia farinulenta** (Frühstorfer 1916). BES viii,xi,xii (IMCyP, Abud 1987,1988).
- Hamadryas glauconome glauconome** (Bates 1864). EBC viii (Beutelspacher 1982), ix (Opler 1989); GUA ix (BMNH, Jenkins 1983); TEN x (Jenkins 1983); ZEN vi (MZFC).
- Hamadryas guatemalena marmarice** (Frühstorfer 1916). AHU vi,viii-xi (MZFC); BES vi,xi,xii (IMCyP, Abud 1987,1988); EBC xii (Beutelspacher 1982), ix (Opler 1989); ELT iii; ECET iii (MZFC); GUA (Jenkins 1983, De la Maza 1987); LCA iii,vi,viii,x,xi (MZFC); PV (Jenkins 1983); ZEN vi,vi,xi (MZFC).
- Pyrrhogyra edocla edocla** Doubleday [1848]. RT at Hwy 200 i (LACM).
- Pyrrhogyra neaerea hypsenor** Godm. & Sal. 1884. BDT xii (ADW); EBC iii,viii-xii (Beutelspacher 1982), ix (Opler 1989); ELT iii; LCA viii,xi (MZFC); PV (De la Maza & Turrent 1985); TEN (AMNH); ZEN xi (MZFC).
- Temenis laothoe quilapayunia** R. G. Maza & Turrent 1985. AHU xi (MZFC); BDN, nr. xii (LACM); EBC vii (UCB); CHIS xii (ADW); LCA viii,xi (MZFC), vi (ADW); MIS i,iii,iv,xii (ADW).
- Epiphile adrasta escalantei** Descimon & Mast 1979. AHU viii,x,xi (MZFC); BDN, nr. xii (LACM); BDH xii (López 1989); El Durazno, 6 mi E iv (SDNHM); LCA ix,xi (MZFC); LCU (AMNH, Jenkins 1986); ECPE iii; PLM v,xi; ZEN xi (MZFC).
- Nica flavilla bachiana** (R. G. Maza & J. Maza 1985). PV (De la Maza & Turrent 1985).
- Dynamine dyonis** Geyer 1837. LCA ix,viii (MZFC); LCA, 10 mi S LCU (AMNH); ZEN viii (MZFC).
- Dynamine postverta mexicana** D'Almeida 1952. ADJ (Rodríguez 1982), iii (CIB); BDN, nr. xii (LACM); BDT xii (ADW); CHM (Rodríguez 1982); EBC i-iii,x-xii (Beutelspacher 1982), x,xi (UCB), ix (Opler 1989); CHIS xii (ADW); LCA ix,xi (MZFC); LCU; LCU, 7 mi S (AMNH); MIS i,iii,iv,xii; PV iii,iv,xii (ADW); TEN (AMNH); ZEN viii (MZFC).
- Diaethria asteria** (Godm. & Sal. 1894). AHU viii,x,xi (MZFC); BDN, nr. xii (LACM); ELT iii; LCA viii,x,xi; PLM iii,viii (MZFC).
- Cyclogramma bacchis** (Doubleday [1849]). ADJ (Rodríguez 1982), x,xi (CIB); AHU ii,iii,viii,ix,x,xi (MZFC); BDH xii (López 1989); El Tuito (De la Maza & Turrent 1985); LCA xi; PLM x,xi; ZEN viii,ix,xi (MZFC).
- Cyclogramma pandama** (Doubleday [1849]). AHU iii,viii,x,xi; ECET xii (MZFC); El Tuito (De la Maza & Turrent 1985).
- Adelpha basiloides basiloides** (Bates 1865). BDT xii; CHIS xii (ADW); LCA iii,xi (MZFC); MIS i,iii,iv,xii (ADW); PLM iii,v,xi (MZFC), vi (ADW); PV xii (CAS), iv (ADW).
- Adelpha bredovii eulalia** (Doubleday [1848]). Autlán iii (De la Maza 1987); BES i,iii,iv,viii,ix (IMCyP, Abud 1987,1988); ECLIO iii (MZFC).
- Adelpha celerio diademata** Frühstorfer [1913]. BDN, nr. xii (LACM); LCA iv; EC xi (MZFC); MIS i,xii (ADW); Pihuamo ix (SDNHM); PV x (Comstock & Vázquez 1961); PV, 53 km S, on Hwy 200 i (LACM).
- Adelpha fessonia fessonia** (Hewitt. 1847). AHU iii-v (MZFC); BDT xii (ADW); CHM (AMNH); EBC i,ii,viii,x-xii (Beutelspacher 1982), ix (Opler 1989); ELT iii (MZFC); LCA iii,v,ix,xi (MZFC); MIS i,iv,xii (ADW), x (USNM); MIS, 12 km S PV iv,v (LACM); Pihuamo ix (SDNHM); PV ix (Comstock & Vázquez 1961), x (LACM), ix,xii (ADW); RT at Hwy 200 i (LACM); TEN iii (AMNH); YEL xii (ADW).
- Adelpha iphichlus massiloides** Frühstorfer [1916]. Atenuique x (Beutelspacher 1976a); ELT iii; LCA iv,viii,ix,xi (MZFC); LCA, 10 mi S LCU (AMNH); MAG viii (AME); MIS x (USNM); Pihuamo ix (SDNHM); PV ix (Comstock & Vázquez 1961); YEL xii (ADW); ZEN xi (MZFC).
- Adelpha ixia leucas** Frühstorfer [1916]. LCA xi (MZFC).
- Adelpha leuceria leuceria** (Druce 1874). El Durazno, 6 mi E iv (SDNHM); LCA xi; PLM v,xi (MZFC), vi (ADW).



- Adelpha naxia epiphiela* Godm. & Sal. 1884. AHU iii; LCA v (MZFC); YEL ii (LACM); ZEN viii (MZFC).
- Adelpha paroeca emathia* (R. Feld. 1869). LCA xi (MZFC).
- Adelpha phylaca phylaca* (Bates 1866). BDN, nr. xii (LACM); CHIS xii (ADW); LCA ix,xi (MZFC); LCU, 7 km S (AMNH); MIS iii,iv,xii (ADW), x (USNM); PV iv,xii (ADW); RT at Hwy 200 i (LACM); YEL xii (ADW).
- Adelpha serpa massilia* (C. Feld. & R. Feld. 1867). Atenquique x (Beutelspacher 1976a); BDH i (López 1989); BDT i,xii (ADW); EBC i,x-xii (Beutelspacher 1982); CHIS xii (ADW); EL Tuito (De la Maza 1987); MIS i,iii,iv,xii (ADW); MIS, 12 km S PV iv (LACM); PLM vi (ADW); PV (De la Maza 1987), ix (Beutelspacher 1976a, LACM), iv,xii (ADW); PV, 22 km S, on Hwy 200 iv; Río San Nico iv; RT at Hwy 200 i (LACM); YEL xii (ADW).
- Basilarchia arthemis arizonensis* (Edw. 1882). ADJ (Rodríguez 1982), viii,x (CIB); BDH viii,ix,x (López 1989); GUA iii (AMNH).
- Marpesia chiron marius* (Cr. 1780). AHU ii,iii,viii,xi (MZFC); BDN, nr. xii (LACM); BDH i,ix-xii (López 1989); BDT xii (ADW); EBC viii (Beutelspacher 1982), vii (UCB); CHIS xii (ADW); LCA ii,vi-ix,xi (MZFC); MIS i,iv,xii (ADW); MIS, 12 km S PV v (LACM); PV vii (CAS), viii (Comstock & Vázquez 1961), xii (CAS), iii,xii (ADW); RT at Hwy 200 i; YEL viii,xii (LACM); ZEN ix (MZFC).
- Marpesia petreus tethys* (Fabr. [1777]). ADJ (Rodríguez 1982), vii,viii,x,xi (CIB); AHU iii,viii,ix,xi (MZFC); BDH i,xi,xii (López 1989); BDT xii (ADW); CHM (Rodríguez 1982); EBC viii,ix (Beutelspacher 1982), vii,x (UCB), ix (Opler 1989); LCA ii,ix,xi (MZFC); MIS iii,iv,xii (ADW); MIS, 12 km S PV iv, v (LACM); PV ix (Comstock & Vázquez 1961), ix,x (LACM), vii (CAS), ix,xii (ADW); ZEN vi (MZFC).
- Archaeoprepona demophon occidentalis* Stoffel & Descimon 1974. BDT xii; MIS i,iii,iv,xii (ADW); PV (De la Maza 1987), iv (ADW).
- Archaeoprepona demophoon mexicana* Llorente, Descimon & Johnson 1993. AHU iii,xi (MZFC, Llorente et. al. 1993); EBC i,xi (Beutelspacher 1982); LCA v,viii,x,xi (MZFC, Llorente et. al. 1993); PV (De la Maza 1987).
- Prepona laertes octavia* Frühstorfer 1905. PLM v (MZFC); Zapotlanejo (De la Maza 1987).
- Zaretis callidryas* (R. Feld. 1869). LCA iii,viii,x,xi (MZFC); TEN (AMNH).
- Zaretis itus anzuleta* Frühstorfer 1909. AHU viii,x; LCA ii,iii,v,vi,viii-xi (MZFC); MIS iii (ADW); PV x (Comstock & Vázquez 1961).
- Siderone syntiche syntiche* Hewit. [1854]. AHU xi (MZFC); EBC x-xii (Beutelspacher 1982); LCA iii,v,vi,viii,xi (MZFC); MIS xii (ADW); PV (De la Maza 1987).
- Hypna clytemnestra mexicana* Hall 1917. CHM (De la Maza 1987, AMNH); EBC i,ii,vii-xii (Beutelspacher 1982), x (DGSV, Hernández, Martínez & Rodríguez 1981), vii,x (UCB), ix (Opler 1989); LCA x (MZFC); TEN (AMNH); ZEN vii (MZFC).
- Anaea troglodyta aidea* (Guérin [1844]). ADJ (Rodríguez 1982), viii,ix,xi (CIB); AHU ii,iv,vi,viii,x,xi (MZFC); Valle de Atlán (AMNH); BDH iv-xii (López 1989); BDT xii (ADW); BES i,ii,iv-ix (IMCyP, Abud 1987,1988); CHM (De la Maza 1987); EBC i,vii-xii (Beutelspacher 1982), vii (UCB), ix (Opler 1989); ELT iii; LCA i-iv,vi,viii,ix,xi; ECLC iv (MZFC); LCU, 7 mi S (AMNH); ECLC iii (MZFC); Mazamita, 4 mi W (AMNH); Mazamitla x (SDNHM); PLM i,x (MZFC); PV x (Comstock & Vázquez 1961); TEN (AMNH); ZEN vi-ix (MZFC).
- Consul electra castanea* Llorente & Luis 1992. MIS iii (ADW); PV (De la Maza 1987), xii (CAS).
- Consul fabius cecrops* (Doubleday [1849]). LCA xi (MZFC); MIS i,iii,iv,xii (ADW); PV (De la Maza 1987); TEN (AMNH).
- Fountainea euryppyle glanzii* (Rotger, Escalante & Coronado 1965). CHIS xii (ADW); ELT iii; LCA ii,iv,vi,vii,viii,x,xi (MZFC); MIS iii (ADW), x (USNM); PLM vi (MZFC).
- Fountainea glycerium glycerium* (Doubleday [1849]). AHU viii,x,xi (MZFC); EBC vii (Beutelspacher 1982), ix (Opler 1989); LCA v,x,xi; ECLC iv (MZFC); LCU (AMNH); PLM viii,x,xi (MZFC).
- Fountainea tehuana* (Hall 1917). Arroyo Madera (De la Maza 1987); Bahía de CHM xii

- (AMNH); CHM (De la Maza 1987); EBC i,ii,vii-x (Beutelspacher 1982); TEN xi (AMNH).
- Memphis forreri** (Godm. & Sal. 1884). AHU vi (MZFC); CHM xii (AMNH); EBC vii-xii (Beutelspacher 1982); ELT iii (MZFC); LCA iii,v (MZFC); PV (De la Maza 1987).
- Memphis pithyusa** (R. Feld. 1869). AHU x (MZFC); CHM (AMNH); EBC vii,viii,xii (Beutelspacher 1982), ix (Opler 1989); LCA iii-v,viii,xi; PLM v,vi,x,xi (MZFC); TEN (AMNH).
- Asterocampa idyja argus** (Bates 1864). AHU viii,xi; LCA iii,viii,ix,xi (MZFC); LCA, 10 mi S LCU (AMNH); MIS iii (ADW); PLM xi (MZFC); RT at Hwy 200 i (LACM); ZEN viii,xi (MZFC). See Friedlander (1987).
- Dococopa laure acca** (C. Feld. & R. Feld. 1867). AHU iii,vi,viii-xi (MZFC); Valle de Autlán vii (AMNH); BDT i,xii (ADW); CHM (De la Maza 1987); EBC ix-xii (Beutelspacher 1982), xi (UCB), ix (Opler 1989); CHIS i,xii (ADW); LCA viii,ix,xi (MZFC); LCU i (AMNH); MIS i,iii,iv,xii (ADW); PLM viii,ix,xi (MZFC); PV (De la Maza 1987), x (Comstock & Vázquez 1961, USNM), xii (CAS), iii,iv,x,xii (ADW); TEN xi,xii (AMNH); ZEN ix,viii,xi (MZFC).
- Dococopa pavon theodora** (Lucas 1857). PV (De la Maza 1987); TEN xi (AMNH).
- Pessonnia polyphemus polyphemus** Westw. 1851. ADJ (Rodríguez 1982), iv-x (CIB); AHU vi,ix,x (MZFC); Valle de Autlán vii,viii; BHC; BDN xi (AMNH); BDN, nr. xii (LACM); BDH iv,ix-xii (López 1989); BES vi,ix,x (IMCyP, Abud 1987,1988); CHM (Rodríguez 1982), x,xi (AMNH); EBC x-xii (Beutelspacher 1982), vii,xi (UCB); CHIS i; CHL, 2.5 km W, on Hwy 200 i (ADW); GUA vi (UCB); LCA vi,xi (MZFC); LCA, 10 mi S LCU vii,viii (AMNH); MIS i (ADW); Pte. Barranquitas, 18 mi NW MAG x (UCB); Puente Grande iv (COEE, Gibson & Carrillo 1959); PLM vi,ix,x (MZFC); TEN xi,xii (AMNH); YEL xii (ADW); ZEN vi,viii,ix (MZFC).
- Opsiphanes boisduvalii** Doubleday [1849]. ADJ (Rodríguez 1982), ii,x (CIB); AHU vi,x (MZFC); BDH i-xii (López 1989); BES iii (IMCyP, Abud 1987,1988); ELT iii; LCA iii,vi,ix-xi (MZFC); PV (De la Maza 1987), iii,xii (ADW).
- Opsiphanes invirae fabricii** (Boisd. 1870). CHM (De la Maza 1987); LCA iii,xi (MZFC); MIS iv,xii (ADW); PV viii (Comstock & Vázquez 1961), viii,x (LACM), i,iii,iv,xi (ADW).
- Opsiphanes tamarindi** C. Feld. & R. Feld. 1861. PV (De la Maza 1987).
- Danaus eresimus montezuma** Talbot 1943. AHU iii,viii,xi (MZFC); BDH v (López 1989); BDT i,xii (ADW); EBC i-xii (Beutelspacher 1982), ix (Opler 1989); LCA v,viii (MZFC); MIS i,iv,xii (ADW); MIS, 12 km S PV iv (LACM); Ocotlán viii (USNM); PV xii (CAS); RT at Hwy 200 i (LACM); ZEN vii,viii (MZFC).
- Danaus gilippus thersippus** (Bates 1863). ADJ (Rodríguez 1982), i,ii,v-viii,x-xii (CIB); AHU vi (MZFC); BDH v-ix (López 1989); BDT xii (ADW); BES ii,vii-xi (IMCyP, Abud 1987,1988); CHM (Rodríguez 1982); EBC i-xii (Beutelspacher 1982), x,xi (UCB), ix (Opler 1989); CHP x (LACM); CHIS xii (ADW); GUA (De la Maza 1987); MIS i,iv,xii (ADW); PV ii,iv,viii,x (LACM), viii (Comstock & Vázquez 1961), xii (CAS); Tizapán, 30 mi W vi (CAS); YEL viii (LACM); ZEN v,vi (MZFC).
- Danaus plexippus plexippus** (L. 1758). ADJ (Rodríguez 1982), i,iii,v-vii,x,xii (CIB); AHU iii,viii,ix (MZFC), vi (ADW); BDH iv,x (López 1989); BDT xii (ADW); BES iv,v,ix,x (IMCyP, Abud 1987,1988); CHM (Rodríguez 1982); EBC xii (Beutelspacher 1982); MIS i,xii (ADW); Puente Grande iv (COEE, Gibson & Carrillo 1959); PLM ix (MZFC); PV viii (Comstock & Vázquez 1961); ZEN xi (MZFC).
- Lycorea halia atvergatis** Doubleday [1847]. AHU iii,xi (ADW); EBC xii (Beutelspacher 1982); Vertiente del Pacífico en CHM (Balcázar 1988); CHIS i,xii (ADW); LCA v,vi,x,xi (MZFC); MIS i,xii (ADW); PLM viii (MZFC); PV (De la Maza 1987), xii (ADW); TEN xi (AMNH).
- Anetia thirza thirza** Geyer [1833]. ECET iii,xi; ECLO iii; ECPE iii; PLM xi (MZFC).
- Melinaea ethra flavicans** C. C. Hoffmann 1924. CHM (De la Maza 1987); CHIS i (ADW); LCA v,ix,xi (MZFC); MIS xii (ADW); PV (De la Maza 1987); YEL xii (ADW). See Fox & Real (1971).
- Oleria zea diazi** J. Maza & Lamas 1978. GUA vi (CAS).
- Pteronymia cotytto** (Guérin [1844]). Bahía de TEN i (LACM).

- Pteronymia rufocincta* (Salvin 1869). Cuatitlán, 11.2 mi E, 4 mi E El Durazno viii (SDNHM); ECET iii; LCA xi; EC xii; PLM v,viii,x,xi (MZFC).
- Greta morgane morgane* (Geyer 1837). Atlán, 20 mi SSE vii (SDNHM); BDH xi (López 1989); CHIS i (ADW); ECET iii; LCA vii–ix,xi (MZFC); MIS i,xii (ADW); PLM x,xi (MZFC); PV (De la Maza, 1987).
- Greta annette moschion* (Godman 1901). ECET iii; EC iv; PLM x,xi (MZFC).
- Episcada salvinia portilla* J. Maza & Lamas 1978. LCA vi; PLM vi,ix (MZFC).
- Libytheana carinenta mexicana* Michener 1943. AHU iii,iv,viii–xi (MZFC); BDH xii (López 1989); CHP ix (USNM); EBC ix,x (Beutelspacher 1982); CHP (USNM); GUA (USNM); LCA iv,vi,xi (MZFC); PV ix (Comstock & Vázquez 1961); ZEN vii–ix,xi (MZFC).
- Cissia cleophes* (Godm. & Sal. 1889). LCU, 7 mi S (AMNH).
- Cyllopsis caballeroi* Beutelspacher 1982. CHIS xii (ADW); LCA xi (MZFC); MIS iv,xii (ADW); Paraíso, PV viii [Type Locality] (Beutelspacher 1982, Miller & J. De la Maza 1984). A record for the very similar *Cyllopsis pephredo* (Godman, 1901) by Abud (1987, 1988) probably represents *caballeroi*, since *pephredo* is unknown from the region.
- {*Cyllopsis gemma gemma* (Hübner 1808)}. BDH ii–v (López 1989). This species was not reported to occur in western Mexico by Miller in 1974, and until specimens are seen to confirm this record, this species is listed as hypothetical for Jalisco.
- Cyllopsis hedemanni hedemanni* R. Feld. 1869. LCA xi (MZFC).
- Cyllopsis henshawi hoffmanni* (Edw. 1876). BOL (Godm. & Sal. 1878–1901).
- Cyllopsis nayarit* R. Chermock 1947. GUA (USNM, Miller 1974).
- Cyllopsis suivalenoides* Miller 1974. ECET iv; LCA iv,xi (MZFC); LCU (AME, Miller 1974); ECLC iii; EC xii; ECPE iii; PLM iii,v,vi,x,xi (MZFC).
- Cyllopsis suivalens escalantei* Miller 1974. ECPE iii (MZFC).
- Dioriste tauropolis* (Westw. [1850]). PLM iii,v,vi,x,xi (MZFC).
- Eryphanis aesacus aesacus* (Herr.-Sch. 1850). Ocotlán vi (CAS).
- Euptychia fetna* Butl. 1870. AHU viii,ix (MZFC); Atlán, 20 mi SW vii (SDNHM); BDH vii (López 1989); GUA (USNM); LCA vii,ix–xi (MZFC); LCA, 10 mi S LCU vii,viii (AMNH); LCU, 7 mi S (AMNH); ZEN vii,viii (MZFC).
- Forsterinaria polyphemus cyclops* (Butl. 1866). BES ii,vi (IMCyP, Abud 1987,1988).
- Gyrocheilus patrobas patrobas* (Hewitt. 1862). Volcán de Colima (De la Maza 1987).
- Hermeuptychia hermes* (Fabr. 1775). ADJ (Rodríguez 1982), i–iii,v,viii,x,xi (CIB); AHU ii,iii,vi,viii–xi (MZFC); CHM (Rodríguez 1982); EBC ix–xii (Beutelspacher 1982); CHIS xii (ADW); ELT iii (MZFC); LCA i,ii,vi,ix,xi (MZFC); MIS xii (ADW); PV viii (Comstock & Vázquez 1961), xii (CAS), i,iii,iv,xii (ADW); ZEN v–vii,ix,xi (MZFC). More than one species may be represented by these records.
- Megisto pellowia* (Godman 1901). BOL; CHP (Godm. & Sal. 1878–1901).
- Megisto rubricata pseudocleophes* Miller 1976. AHU iv (MZFC); BES iv–vi,viii–x (IMCyP, Abud 1987,1988).
- Pindis squamistriga* R. Feld. 1869. ADJ (Rodríguez 1982), vii,xi (CIB); AHU vi,ix (MZFC); BDH i–v,xii (López 1989); BES i–vi,ix–xii (IMCyP, Abud 1987,1988); GUA (AMNH), viii (AME, Miller 1978); LCA ii,iv,vi,viii,xi (MZFC); LCU (AMNH, Miller 1978); LDC (Godm. & Sal. 1878–1901), x (LACM); MAG, 8.7 mi W viii (AME, Miller 1978); PLM iii,vi,viii,ix,x; ZEN ix (MZFC).
- Manataria maculata* (Hopffer 1874). ADJ (Rodríguez 1982), x (CIB); Ameca viii (AME); BDH viii (López 1989); BES vi,viii–x,xii (IMCyP, Abud 1987,1988); ECLC iv (MZFC); LCU ix (AMNH); PLM viii,x (MZFC).
- Paramacera xicaque xicaque* (Reak. [1867]). BOL (Godm. & Sal. 1878–1901); El Floripondio, km 80 El Grullo-Ciudad Guzmán iii; Las Capillas v (MZFC).
- Pedaliodes dejecta* ssp. PLM vi (MZFC, ADW).
- Taygetis mermeria griseomarginata* Miller 1978. ELT x; LCA iv,vi; EC ii; ECPE xi (MZFC).
- Taygetis uncinata* Weymer 1907. AHU vi; ELT x; LCA vi,viii–xi (MZFC); GUA (CUIC); MIS i,xii (ADW); PV, 60 km S i (LACM); Paraíso, PV viii (AME).

- Taygetis weymeri* Draut 1912. ECET iii (MZFC); Hwy 200, 2 km E km 175.5 i (ADW); LCA iv,vi; ECLC iv; ECLC iii; EC iv; PLM viii,x (MZFC).
- Vareuptychia similis* (Butl. 1867). EBC vi,vii (Beutelspacher 1982), ix (Opler 1989); CHIS xii (ADW); GUA (CUIC); Hwy 200, 2 km E km 175.5 i (ADW); LCA xii (AMNH); MIS iv,xii (ADW); PV viii (Comstock & Vázquez 1961).
- Vareuptychia themis* (Butl. 1867). AHU ii,iii,v,vi,xi; ECAL iii; ELT iii; LCA i-vii,ix-xi; PLM ii,iii,v,vi,ix,x (MZFC); PV viii (Comstock & Vázquez 1961); ZEN vi,vi,ix,xi (MZFC).
- Vareuptychia undina* (Butl. 1870). AHU viii,ix; LCA viii,ix; ZEN ix (MZFC).

## LYCAENIDAE (136 SPECIES)

- Euselasia eubule* (R. Feld. 1869). AHU xi (MZFC); CHIS ii,xii (ADW); RT at Hwy 200 i (LACM).
- Euselasia aurantiaca* (Sal. & Godm. 1868). PLM xi (MZFC).
- Mesosemia lamachus* (Hewit. 1857). CHIS xii; MIS i (ADW).
- Eurybia lycisca* Westw. [1851]. GUA (USNM).
- Eurybia halimede elvina* Stichel 1910. LCA vi (ADW), viii,ix,xi (MZFC); MIS xii (ADW).
- Napaea umbra umbra* (Boisd. 1870). CHIS i,xii (ADW); LCA xi (MZFC); MIS xii (ADW); PV, 21.7 mi S vii (SDNHM).
- Rhetus arcius beutelspacheri* Llorente 1987. AHU viii,x,xi (MZFC); BDH i (López 1989); LCA viii,ix,xi (MZFC); LCA, 10 mi S LCU (AMNH, Llorente 1987); ZEN xi (MZFC).
- Calephelis acapulcoensis* McAlpine 1971. CHM iii (AMNH).
- Calephelis fulmen* Stichel 1910. BDT xii; CHIS xii (ADW); LCA, 10 mi S LCU vii,viii (AMNH); MIS xii (ADW); PV (Comstock & Vázquez 1961); TEN xi (AMNH).
- Calephelis matheri* McAlpine 1971. Sayula, 2 mi S vii,viii (AMNH); AJI xii (CMNH, McAlpine 1971); Bahía de CHM xi (AMNH); PV iv (ADW).
- Calephelis mexicana* McAlpine 1971. CHIS xii; MIS i,xii; PV xii (ADW).
- Calephelis montezuma* McAlpine 1971. BDT xii; MIS i,xii (ADW).
- Calephelis nemesis nemesis* (Edw. 1871). PV ix (Comstock & Vázquez 1961).
- Calephelis perditalis perditalis* B. & McD. 1918. BDH i-xii (López 1989). Despite McAlpine's revision of *Calephelis* in 1971, it is still nearly impossible to identify positively many specimens, and all *Calephelis* records presented here should be considered tentative.
- Caria ino ino* Godm. & Sal. 1866. BDT xii (ADW); ZEN viii (MZFC).
- Caria stillaticia* Dyar 1912. AHU viii,x; LCA viii,ix,xi (MZFC); LCA, 10 mi S LCU vii,viii; TEN xi (AMNH); ZEN viii (MZFC).
- Baeotis zonata simbla* (Boisd. 1870). AHU viii,x (MZFC); BDT xii (ADW); CHP x (LACM); CHIS xii (ADW); ELT iii; LCA viii,ix,xi (MZFC); MIS iv,xii; PV xii (ADW); ZEN viii (MZFC).
- Lasaia sula sula* Staud. 1888. BDH vii,viii (López 1989); LCA ix (MZFC); TEN xi (AMNH).
- Lasaia agesilas callaina* Clench 1972. AHU x; LCA x (MZFC); LCA, 10 mi S LCU (AMNH); TEN ix (AMNH, Clench 1972).
- Lasaia maria maria* Clench 1972. AHU viii-xi (MZFC); AJI vii,viii,x,xii (CMNH, Clench 1972); LCA viii,ix,xi (MZFC); LCU, 7 mi S (AMNH, Clench 1972); MIS xii (ADW); ZEN xi (MZFC). Beutelspacher recorded *Lasaia meris* (Cr., 1781) from Estación de Biología Chamela, xii but this record apparently refers to *maria*.
- Exoplisia* aff. *cadmeis* (Hewit. [1866]). LCA vi (ADW, MZFC); LCA, 10 mi S LCU vii,viii (AMNH).
- Melanis cephise cephise* (Mén. 1855). ADJ iv,vii-x (CIB); AHU viii (MZFC); Bahía de CHM xii (AMNH); BDN xi (AMNH); BDH i,vii-xii (López 1989); BDT xii (ADW); CHM (Rodríguez 1982); EBC i,vii (Beutelspacher 1982); CHP v (AMNH); GUA (White et. al. 1989, USNM); MIS xii (ADW); PV (Comstock & Vázquez 1961), ii (LACM), viii (USNM), xii (ADW); PV, 17 mi N vii (SDNHM); PV, 22 km S, on Hwy



- 200 iv; PV, 39 km S, on Hwy 200 i; PV, 60 km S i; Río San Nico iv; RT i (LACM); TEN xi (AMNH); Tomatlán Junction viii (SDNHM).
- Melanis pixe sexpunctata** J. White, A. White, & L. White 1989. AHU i,iii,v,vi,viii,x,xi (MZFC); BDN xi (AMNH); BDT xii (ADW); EBC x,xii (Beutelspacher 1982); LCA iv,viii,x (MZFC); MIS i,xii (ADW); MIS, 12 km S PV iv (LACM); PV ix (Comstock & Vázquez 1961; LACM), xii (ADW); PV, 12 km S, on Hwy 200 iv; PV, 22 km S, on Hwy 200 iv; PV, 39 km S, on Hwy 200 i; PV, 60 km S i; RT at Hwy 200 i (LACM); TEN xi (AMNH); ZEN vii,viii,xi (MZFC).
- Anteros carausius carausius** Westw. [1851]. AHU vi; BDT xii (ADW); CHM (De la Maza 1976); EBC xii (Beutelspacher, 1982); LCA xi (MZFC); PV (De la Maza 1976), ix (LACM), xii (ADW); PV, 17 mi N vii (SDNHM).
- Calydna sturnula hegias** R. Feld. 1869. PLM x (MZFC).
- Emesis ares ares** (Edw. 1882). AHU x (MZFC); AJI viii (CMNH); ECET iv; ECLC iii; PLM x,xi; ZEN viii (MZFC).
- Emesis mandana furor** Butl. & Druce 1872. AHU ix,x (MZFC); BDT xii; CHIS xii (ADW); ELT iii (MZFC); MIS iv,xii; PV xii (ADW).
- Emesis vulpina** Godm. & Sal. 1886. AHU vi (ADW); Bahía de CHM iii (AMNH); BDN xi (AMNH); BDT i,xii (ADW); CHM iii,xii (AMNH); EBC x,xii (Beutelspacher 1982); MIS i,xii (ADW); PV (Comstock & Vázquez 1961); TEN xi (AMNH).
- Emesis poeas** Godm. & Sal. 1901. AHU ii,iv,vi,viii,x (MZFC); LCA vi; ZEN vi (ADW), vii,viii (MZFC).
- Emesis tenedia tenedia** C. Feld. & R. Feld. 1861. AHU iii,v,viii,x,xi (MZFC); AJI ix (CMNH); ECAL iii (MZFC); BDT i,xii (ADW); CHP ii (CMNH); CHIS xii (ADW); El Chante, 13.7 mi S iv (SDNHM); ECET iv; ECLO iii; EC iv,ix (MZFC); MIS i,iii,iv,xii (ADW); Nuevo Necaxa iv (AME); ECPE iii; PLM iii,v,x,xi (MZFC); PV xii (ADW); ZEN xi (MZFC).
- Emesis emesia emesia** (Hewit. 1867). AHU viii,x,xi (MZFC); BDT xii (ADW); CHM iii (AMNH); EBC x,xii (Beutelspacher 1982), ix (Opler 1989); ELT iii; LCA viii,ix,xi (MZFC); MIS i,xii; PV xii (ADW); PV, 39 km S, on Hwy 200 i (LACM).
- Pseudonymphidia clearista** (Butl. 1871). Bahía de CHM iii (AMNH).
- Apodemia hypoglaucia hypoglaucia** (Godm. & Sal. 1878). AHU vi,viii,x,xi (MZFC); AJI viii,ix (CMNH); ELT iii (MZFC); LCA vi (ADW),viii-xi; ZEN vi,vi,xi (MZFC).
- Apodemia walkeri** Godm. & Sal. 1886. AJI vii-ix,xi,xii (CMNH); BDH i,vii (López 1989); EBC ix-xii (Beutelspacher 1982); CHP ii (CMNH); LDC, orilla S, km 86 viii (CMNH); Ocotlán x (USNM); PV xii (ADW).
- Thisbe lycorias lycorias** (Hewit. [1853]). CHM xii; BDN iii,iv,xi (AMNH); Tonilá vii (SDNHM).
- Synargis mycone** (Hewit. 1865). EBC ix (Beutelspacher 1982); LCA viii,xi (MZFC).
- Calospila zeurippa** Boisd. 1836. MIS ii (A. Hoare, pers. comm., 1995).
- Pandemos godmanii** Dewitz 1877. Cihuatlán vi (AME).
- Theope virgilius virgilius** (Fabr. 1793). MIS xii (ADW); RT at Hwy 200 i (LACM).
- Theope eupolis** Schaus 1890. BDT xii; CHIS xii; MIS i,iii,iv,xii (ADW); TEN xi (AMNH).
- Theope diores** Godm. & Sal. 1897. CHM iii (AMNH); EBC x-xii (Beutelspacher 1982); LCA v,xi (MZFC); PV (De la Maza 1987). Some of these records may refer to *eupolis* or *virgilius*. The status of these three taxa is still uncertain.
- Theope publius** C. Feld. & R. Feld. 1861. MIS xii (ADW).
- Eumaeus toxea** (Godart 1824). Autlán x (CIB); LCA ii,vi,xi (MZFC); MIS i (ADW); ZEN vi (MZFC).
- “**Thecla**” (*busa* group) **busa** (Godm. & Sal. 1887). LCA ix (MZFC).
- “**Thecla**” (*hyas* group) **tolmides** (Feld. & Feld. 1865). El Zarzamoro v (MZFC).
- “**Thecla**” (*hyas* group) nr. **tolmides** (Feld. & Feld. 1865). EC iv (MZFC).
- Micandra furina** (Godm. & Sal. 1887). ECPE iii (MZFC).
- Evenus regalis** (Cr. 1776). BDH vii-XI (López 1989); MIS, 12 km S PV iv (LACM); YEL xii (ADW).
- “**Thecla**” (*gibberosa* group) **erybathis** (Hewit. 1867). ECET iv; EC iv; ECPE iii (MZFC).
- Allosmaitia strophius** (Godart 1824). AJI xii (CMNH); LCA ix (MZFC).

- Pseudolycaena damo* (Druce 1875). AHU iii (MZFC); BDT xii (ADW); CHIS xii (ADW); EBC ix (Opler 1989); LCA vi,xi (MZFC); MIS i,xii (ADW); PV (De la Maza 1987), xii (ADW).
- Arcas cypria* (Geyer 1837). AHU iii; LCA ix (MZFC).
- Atlides halesus* (Cr. 1777). BDH i,xi,xii (López 1989).
- Atlides gaumeri* (Godm. 1901). AHU vi (MZFC); AJI xii (USNM); BDH i,xi,xii (López 1989); GUA (USNM); LCA vi (ADW).
- Atlides polybe* (L. 1763). BES iii (IMCyP, Abud 1987,1988); LCA ix,xi (MZFC).
- Atlides carpasia* (Hewit. 1868). ADJ (Rodríguez 1982), xii (CIB).
- "Thecla" (umbratus group) umbratus* (Geyer 1837). AHU x (MZFC); BDT xii; CHIS xii (ADW).
- "Thecla" (ligurina group) ligurina* (Hewit. 1874). BDT xii (ADW); LCA ix (MZFC).
- Orcya bassania* (Hewit. 1868). AJI xii (CMNH, Johnson 1990); EC iv (MZFC); PLM xi (MZFC).
- Contrafacia imma* (Prittwitz 1865). BDH i,xi,xii (López 1989).
- Thereus oppia* (Godm. & Sal. 1887). MIS xii (ADW).
- Arawacus togarna* (Hewit. 1867). El Potrero ix (CIB).
- Arawacus sito* (Boisd. 1836). AHU xi (MZFC); EBC x (CIB, Beutelspacher 1982); CHIS xii (ADW); LCA iv,vi,ix,xi (MZFC); MIS i,xii; PV xii (ADW), ix (Comstock & Vázquez 1961); TEN xii (LACM).
- Arawacus jada* (Hewit. 1867). AHU ii,iii,vi,viii,x (MZFC); BDH i,xi,xii (López 1989); Barranca de Oblatos ix (USNM); ELT iii (MZFC); GUA; Juchitlán ix (USNM); LDC (Godm. & Sal. 1878–1901); LCA iv,xi (MZFC); MIS i,xii (ADW); Ocotlán ix (USNM); PLM x,xi (MZFC); PV iii,xii (ADW); PV, 53 km S, on Hwy 200 i (LACM); Tecolotlán ix (USNM).
- Rekoa meton* (Cr. 1780). AHU iii (MZFC); BDT xii (ADW); LCA viii,xi (MZFC).
- Rekoa palegon* (Cr. 1780). AHU iii,vi (MZFC); AJI (Robbins 1991); BDT i (ADW); CHIS xii (ADW); GUA (Robbins 1991); LCA vi (ADW); MIS i; PV iv (ADW); PV, 34 km S i; RT at Hwy 200 i (LACM); ZEN vi (ADW).
- Rekoa zebina* (Hewit. 1869). AJI (Robbins 1991); BDT xii (ADW); BOL (Robbins 1991); BDH i,xi,xii (López 1989); BES ix (IMCyP, Abud 1987,1988); EBC viii (CIB); GUA (Robbins 1991); LDC (Robbins 1991); Mirador (Robbins 1991); MIS iii; PV xii (ADW).
- Rekoa marius* (Lucas 1857). AHU iii (MZFC); BDT xii (ADW); BOL (Godm. & Sal. 1878–1901); GUA (Robbins 1991); LCA iv,xi (MZFC), vi (ADW); MIS iii,xii (ADW).
- Rekoa stagira* (Hewit. 1867). LCA vi,xi (MZFC); PV xii (ADW).
- Ocaria ocrisia* (Hewit. 1868). AHU viii,x (MZFC); BDT xii; CHIS i (ADW); LCA ix,viii,xi (MZFC), vi (ADW); LDC (Godm. & Sal. 1878–1901); ZEN viii,xi (MZFC).
- Chlorostrymon simaethis* (Drury 1773). AJI xii (CMNH).
- Chlorostrymon telea* (Hewit. 1868). AHU viii (MZFC).
- Cyanophrys amyntor* (Cr. 1776). MIS i (ADW).
- Cyanophrys herodotus* (Fabr. 1793). AHU iii (MZFC); BDH i,xi,xii (López 1989); LCA vii (MZFC); MIS i,xii (ADW); PV vi (Kendall & McGuire 1984), i,xii (ADW), ix (Comstock & Vázquez 1961).
- Cyanophrys miserabilis* (Clench 1946). AHU iii,v (MZFC); AJI xii (Clench 1981); EBC i (CIB); GUA (USNM); LCA ix,xi (MZFC), vi (ADW).
- Cyanophrys longula* (Hewit. 1868). AHU iii (MZFC); BDH i,xi,xii (López 1989); ECLO III; Los Asoladeros del Tlacuache, EC v; PLM x (MZFC).
- Callophrys xami* (Reak. 1867). JAL (Clench 1981).
- Callophrys spinetorum* (Hewit. 1867). BOL (Godm. & Sal. 1878–1901, Shields 1965), vii (BMNH, Johnson 1985).
- Panthiades bitias* (Cr. 1777). EBC ix (Opler, pers. comm., 1993); LCA viii (MZFC); GUA (AMNH, Nicolay 1976).
- Panthiades bathildis* (Feld. & Feld. 1865). AHU iii (MZFC); AJI x,xii (CMNH; Nicolay 1976); BDH i,xi,xii (López 1989); BDT xii (ADW); LCA ii,ix,xi (MZFC); MIS i,xii; PV xii (ADW).
- Oenomaus ortygnus* (Cr. 1780). LCA iv (MZFC).

- Parrhasius polibetes* (Cr. 1782). LCA ix,xi (MZFC).
- Parrhasius orgia* (Hewit. 1867). BDH i (López 1989); EBC x (Beutelspacher 1982).
- Parrhasius moctezuma* Clench 1971. BDH i,xi,xii (López 1989); LCA ix,xi (MZFC).
- Michaelus hecate* (Godm. & Sal. 1887). GUA (USNM, Nicolay 1979); LCA v (MZFC), vi (ADW).
- Michaelus vibidia* (Hewit. 1869). GUA (Nicolay 1979); LCA vi (ADW), ix (MZFC).
- Strymon melinus* (Hübner 1813). AJI xii (CMNH); CHP x (LACM).
- Strymon albata* (Feld. & Feld. 1865). AHU viii (MZFC); BDT i,xii (ADW); EBC x (CIB, Beutelspacher 1982); LCA ii (MZFC); MIS i,iv,xii (ADW); PLM iii (MZFC); PV xii (ADW).
- Strymon alea* (Godm. & Sal. 1887). JAL (Clench 1966).
- Strymon rufofusca* (Hewit. 1877). AHU iii,viii (MZFC); EBC i-iii,xii (Beutelspacher 1982), iii,xii (CIB); ZEN ix (MZFC).
- Strymon bebrycia* (Hewit. 1868). AHU vi (MZFC); BDH ix,vi,viii (López 1989); EBC i,ii,xii (CIB); LCA ix (MZFC); MIS iii,xii (ADW).
- Strymon bazochii* (Godart 1824). AHU vi; Lagos de Moreno, 20 km N vi; PLM vi; ZEN vii (MZFC).
- Strymon yojoa* (Reak. 1867). AHU ii,vi (MZFC); EBC ii,x,xii (Beutelspacher 1982); CHP xii (CIB); GUA (USNM); LCA vi (ADW); xi (MZFC); MIS i,xii (ADW); PLM viii (MZFC); YEL ii (LACM).
- Strymon cestri* (Reak. 1867). AHU x, (MZFC); AJI xi,xii (CMNH); LCA xi (MZFC).
- Strymon istapa* (Reak. 1867). AHU iii,vi (MZFC); BDH i,xi,xii (López 1989); Barranca de Oblatos ix (USNM); BDT i,xii (ADW); CHIS xii (ADW); GUA vii (USNM); MIS i,iii,iv,xii; PV i,iii,iv,xii (ADW); YEL ii (LACM).
- Strymon ziba* (Hewit. 1868). LCA ix (MZFC).
- Strymon megarus* "complex" (Godart 1824). CHM iii (USNM); MIS i (ADW).
- Lamprospilus collucia* (Hewit. 1877). LCA ix (MZFC).
- "*Thecla*" (*arza* group) *tarpa* (Godm. & Sal. 1887). AHU iii (MZFC).
- "*Thecla*" (*hesperitis* group) *hesperitis* (Butl. & Druce 1872). LCA ix (MZFC).
- "*Thecla*" (*hesperitis* group) nr. *hesperitis* (Butl. & Druce 1872). BDT xii (ADW); LCA ix,xi (MZFC).
- "*Thecla*" (*hesperitis* group) *ceromia* (Hewit. 1877). BDT xii (ADW).
- "*Thecla*" (*hesperitis* group) *sethon* (Godm. & Sal. 1887). PLM xi (MZFC).
- "*Thecla*" (*hesperitis* group) *guzanta* (Schaus 1902). AHU vi; ECET iii; LCA xi; ECLO iii; ECPE iii; PLM xi (MZFC).
- Electrostrymon sangala* (Hewit. 1868). BDT xii; PV iii (ADW).
- Electrostrymon canus* (Druce 1907). AHU iii (MZFC).
- Calycopis demonassa* (Hewit. 1868). AHU iv; LCA vi (MZFC).
- Calycopis clarina* (Hewit. 1874). GUA (USNM); MIS xii (ADW).
- Calycopis isobeon* (Butl. & Druce 1872). AHU iii,iv,vi (MZFC); BDH i,xi,xii (López 1989); BDT i (ADW); EBC x (Beutelspacher 1982, CIB); CHIS xii; LCA vi (ADW), ix,xi (MZFC); MIS i,xii (ADW); PV ii (LACM), iii,xii (ADW); ZEN viii (MZFC).
- Tmolus echion* (L. 1767). AHU iv (MZFC); BDT xii (ADW); LCA vi (MZFC); MIS xii (ADW); ZEN viii (MZFC).
- "*Thecla*" (*opalina* group) *phobe* (Godm. & Sal. 1887). CHIS xii (ADW).
- "*Thecla*" (*keila* group) *keila* (Hewit. 1869). AHU viii (MZFC).
- Aubergina paetus* (Godm. & Sal. 1887). PLM x (MZFC).
- "*Thecla*" (*mycon* group) *mycon* (Godm. & Sal. 1887). AHU x,xi; LCA xi (MZFC).
- "*Thecla*" (*tephraeus* group) *tephraeus* (Geyer 1837). AHU iv,vi (MZFC); BDT xii (ADW); LCA v,vi (MZFC); PV xii (ADW).
- Ministrymon leda* (Edw. 1882). BDH vi-xii (López 1989); CHP ii,ix (USNM); Jalostotitlán viii (CIB).
- Ministrymon clytie* (Edw. 1877). AHU iii,x, (MZFC); CHP ix,xii (USNM); LCA vi (ADW), IX; ZEN xi (MZFC), vi (ADW).
- Ministrymon phrutus* (Geyer 1832). LCA ix; ZEN vi,ix (MZFC).
- Ministrymon azia* (Hewit. 1873). AHU iii,viii,x,xi; LCA vi (MZFC); LDC (Godm. & Sal. 1878-1901); MIS i,xii; PV xii (ADW); ZEN vi,ix,viii,xi (MZFC).

- Ipipecla miadora* Dyar 1916. BDH vii-xii (López 1989); LCA xi (MZFC).  
 "Thecla" (upupa group) *maeonis* (Godm. & Sal. 1887). EC iv; PLM vi,viii (MZFC).  
*Brangas neora* (Hewit. 1867). GUA (USNM); LCA ix,xi (MZFC).  
*Chalybs hassan* (Stoll 1791). LCA ix,xi (MZFC).  
*Hypostrymon critola* (Hewit. 1874). EBC x (CIB).  
*Erora nitetis* (Godm. & Sal. 1887). PLM xi (MZFC).  
*Erora carla* (Schaus 1902). BDT xii (ADW); LCA ix (MZFC); MIS xii (ADW).  
*Caerofethra lucagus* (Godm. & Sal. 1887). ECLO iii (MZFC).  
*Brephidium exilis exilis* (Boisd. 1852). BES i-xii (IMCyP, Abud 1987,1988); EBC v (Beutelspacher 1982); Cojumanatlán ix (USNM); PV ix (Comstock & Vázquez 1961), vii (LACM); ZEN vi (MZFC).  
*Leptotes cassius striata* (Edw. 1877). AHU iii,iv,vi,viii-xi (MZFC); AJI v,vi,viii-xi (CMNH); BDT i,xii (ADW); EBC ii,vi,ix-xii (Beutelspacher 1982); CHIS i,xii (ADW); ELT iii (MZFC); LCA i,ii,v-xi; ECLO iii; EC iv (MZFC); MIS i,iii,iv,xii (ADW); PLM vi,x (MZFC); PV i,iii,iv,xii (ADW); PV, 60 km S i YEL ii (LACM); ZEN vi-ix,xi (MZFC).  
*Leptotes marina* (Reak. 1868). ADJ (Rodríguez 1982), i-iii,v,x (CIB); AHU iii,v,vi,viii (MZFC); AJI iv-xii (CMNH); BDH xi,xii (López 1989); CHIS xii (ADW); LCA xi (MZFC); LDC (Godm. & Sal. 1878-1901); Ocotlán viii (USNM); PLM v,x; ZEN vi,vii (MZFC).  
*Zizula cyna cyna* (Edw., 1881). AHU iii; AJI iv,x,xi (CMNH); ELT iii (MZFC); LCA viiii; PLM iii (MZFC); PV iv (LACM), xii (ADW); PV, 30 km S, on Hwy 200 v (LACM); ZEN vii (MZFC).  
*Hemiargus ceraunus zachaeina* (Butl. & Druce 1872). ADJ (Rodríguez 1982), ii,v,vi,x (CIB); AHU ii,iii,v,vi,viii-xi (MZFC); AJI iv,v,vii-xii (CMNH); ECAL iii (MZFC); BDH i-xii (López 1989); BDT i,xii (ADW); BOL (Godm. & Sal. 1878-1901); CHM (Rodríguez 1982); EBC v (Beutelspacher 1982); CHP ix (USNM); CHIS i,xii (ADW); Cocula IX; Cojumanatlán ix (USNM); GUA (USNM); LCA i,v-vii,xi; ECLO iii (MZFC); LDC (Godm. & Sal. 1878-1901); MIS i,iii,iv,xii (ADW), iv (LACM); Ocotlán viii (USNM); ECPE iii (MZFC); PV iv (LACM), i,iii,iv,xii (ADW); PV, 60 km S i (LACM); Tecolotlán ix (USNM); ZEN v-vii,ix,xi (MZFC).  
*Hemiargus isola isola* (Reak. [1867]). AHU xi, (MZFC); AJI ix-xii (CMNH); ECAL iii (MZFC); BDH xi,xii (López 1989); BOL (Godm. & Sal. 1878-1901); BES ii,v,x,xi (IMCyP, Abud 1987,1988); CHP IX; Cocula ix (USNM); ECET iii (MZFC); GUA viii (CMNH); Ocotlán viii (USNM); ECPE iii; PLM v,vi,xi (MZFC).  
*Celastrina gozora* (Boisd. 1870). AJI viii,ix,xi (CMNH); AHU iii,vi,x,xi (MZFC); BDH i,xi,xii (López 1989); BES i,ii,v,viii,xii (IMCyP, Abud 1987); LCA vi,xi; ECLO iii; EC iv (MZFC); Mazamitla x (SDNHM); PLM iii,vi,viii,xi (MZFC).  
*Everes comyntas* (Godart [1824]). AHU iii,vi (MZFC); AJI vi,ix,x (CMNH); BDH i (López 1989); CHP iv (USNM); ECLO iii (MZFC); MIS xii; PV iii,iv (ADW); PV, 30 km S, on Hwy 200 iii,iv (LACM).  
*Icaricia acmon texana* Goodpasture 1973. BES i,ii (IMCyP, Abud 1987,1988).

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